

THE IMMIGRATION OF LEPIDOPTERA TO THE BRITISH ISLES IN 2000

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Abstract

Formally accepted records of immigrant Lepidoptera occurring in the British Isles and the Channel Islands during the year 2000 are listed and discussed. For less frequently encountered species full information is given; for common immigrants a selection of the more noteworthy records is presented.

Introduction

In a year reported as the wettest on record the migrant activity in 2000 was best described as average with most of the regular migrant butterflies and moths appearing in neither high nor low numbers. One exception was the Clouded Yellow *Colias croceus* (Geoff.), which first appeared in June and was then seen in increasing numbers for the rest of the season. Many of these were probably the result of local breeding. The White Point *Mythimna albipuncta* (D. & S.) also fared well in southern and western England in September and October, but distinguishing the primary immigrants from the resident populations is not possible.

Highlights of the year included the fourth British record of Porter's Rustic *Proxenus hospes* (Frey.) from the Isles of Scilly and the eighth, ninth and tenth English records of Radford's Flame Shoulder *Ochropleura leucogaster* (Frey.). However, the most noteworthy immigrants to the British mainland were the capture of three examples of the Many-lined *Costaconvexa polygrammata* (Borkh.). The first two specimens were taken in Somerset and Dorset in June and the last in South Devon in September. In view of the three-month gap between the first two records and the last it is possible the September specimen was the offspring of the earlier migration, albeit undetected in Devon.

The Many-lined was formerly resident in the Cambridgeshire fens where it occurred not uncommonly until its decline around the middle of the nineteenth century and the last documented specimen is dated 1879. Therefore in 2000 these captures were hailed as the first English records for over 100 years. However in 1993 a specimen was taken at West Bexington, Dorset, but had remained unidentified until

AUTHOR'S NOTE: Due to other commitments, this will be the last review that I will be co-authoring. I would like to take this opportunity to thank all the recorders for their support over the last few years. With effect from the 2001 review Steve Nash has agreed to take over as co-author, and records can be submitted electronically to him at steve@migrantmoth.com. Steve runs the immigrant moth website (www.migrantmoth.com) where current migrant news can be posted: the definitive published review will, as usual, follow a few years behind to allow it to be as complete as possible. Postal records may continue to be sent to Bernard Skinner at the address above – Graham A. Collins.

2001 when the record was published in the *Moths of Dorset Newsletter* No. 8 dated 31 March 2001. In 2000 a fourth example for the year was reported on Jersey, where previously single specimens had been noted in 1973 and 1999.

Abbreviations

E	Exotic introduction/escape
I	Primary immigrant
In	Introduction (including importations)
R	Resident
R(t)	Temporary resident
V	Vagrant/wanderer

ANNEX 1: RECORDS OF SCARCER SPECIES

YPONOMEUTIDAE

Yponomeuta evonymella (L.) [I]

S. HANTS [11] Southsea, 30.6. 2.7 (JRL).

Yponomeuta rorrella (Hb.) [I]

S. HANTS [11] Southsea, 19.7 (JRL).

ETHMIIDAE

Ethmia terminella Fletch.

S. ESSEX [18] Thundersley, 29.6 (DGD).

TORTRICIDAE

Cydia amplana (Hb.) [I]

DORSET [9] Walditch, 25.8 (MSP); Portland Bird Observatory, 25.8 (5) (MC).

CHANNEL ISLANDS Guernsey: Icart, 7.8 (TNDP *in* Austin, 2001); Petit Bot, 16.8 (Austin, 2001).

PYRALIDAE

Haimbachia cicatricella (Hb.) [I]

E. KENT [15] Dungeness, 20.7, 27.7, 5.8 (DF¹/SB⁵); Lydd, 30.7 (KR¹).

Cranbus pratella (L.)

N. HANTS [12] Selborne, 31.7 (AA).

Platytes alpinella (Hb.) [I/R]

S. DEVON [3] Starcross, 13.7 (AHD).

Evergestis linbata (L.) [I/R]

S. HANTS [11] Hayling Island, 2.7 (Phillips & Durnell, 2001); Lymington, 8.8 (Pickles *in* Anon, 2001b).

CHANNEL ISLANDS Guernsey: La Broderie, 3.7 (Costen *in* Austin, 2001).

Hellula undalis (Fab.) [I]

W. CORNWALL [1] Church Cove, Lizard, 15.9, 25.9 (MT²). E. SUSSEX [14] Peacehaven, 28.10 (CRP).

Loxostege sticticalis (L.) [I]

W. CORNWALL [1] St Agnes, Scilly, 2.9 (Hicks, 2001).

Sitochroa palealis (D. & S.) [I/?R]

DORSET [9] Portland Bird Observatory, 29.6, 8.8 (MC). W. SUSSEX [13] Kingsham, 27.7 (SP). E. SUSSEX [14] Icklesham, 12.8, 14.8 (IH¹); Winchelsea Beach, 26.8 (DCGB). E. KENT [15] Lydd, 4.8, 5.8, 13.8 (KR¹). HERTS [20] Radlett, 20.7 (CME).

Sitochroa verticalis (L.) [I/?V]

CHANNEL ISLANDS Jersey: Grouville Common, 9.8 (DJW¹).

Sclerocona acutellus (Evers.) [I/In]

W. SUSSEX [13] West Wittering, 13.6 (ML). S. ESSEX [18] Bradwell-on-Sea, 15.6 (Dewick, 2001).

Ostrinia nubilalis (Hb.) [I/?R]

S. DEVON [3] Starcross, 3.7 (AHD). DORSET [9] Portland Bird Observatory, 18.6, 6.8 (MC). IOW [10] Freshwater, 22.9 (SAK-J). S. HANTS [11] Hayling Island, 24.6, 3-4.7, 14.7, 19.7, 16.8 (Phillips & Durnell, 2001). N. HANTS [12] Bramley Frith Wood, 29.6, 12.7 (AHD). W. SUSSEX [13] Ferring, 19.7 (TF). E. SUSSEX [14] Icklesham, 6.7-22.9 (5) (IH¹). BERKS [22] Fernham, 6.7 (2), 24.7 (SN). E. NORFOLK [27] Martham, 4.7 (CK). E. GLOUCESTER [33] Hempsted, 3.7 (GRA). CHANNEL ISLANDS Guernsey: La Broderie, 29.6 (Costen *in* Austin, 2001).

Nascia ciliaris (Hb.) [?R]

W. SUSSEX [13] Woods Mill, c. 13.6, 21.6 (SC).

Antigastra catalanalis (Dup.) [I]

DORSET [9] Portland Bird Observatory, 25.9 (MC). S. HANTS [11] Portswood, 2.9 (Norris *in* Anon, 2001b).

Marnca vitrata (Fab.) [I/?In]

CHESTER [58] Congleton, 17.8 (Kimber, 2001).

Diasemiopsis ramburialis (Dup.) [I]

W. CORNWALL [1] St Agnes, Scilly, 23.9 (Hicks, 2001).

Dnponchelia fovealis Zeller [In]

DORSET [9] Milton-on-Stour, 17.5 (J. Burge *in* Langmaid & Young, 2001). IOW [10] Ventnor, found indoors 23.6 (PJC). N. ESSEX [19] Kirby-le-Soken, found indoors 17.3 (PB¹).

Palpita vitrealis (Rossi) [I]

W. CORNWALL [1] St Agnes, Scilly, 29.6, 15.9 (Hicks, 2001); Church Cove, Lizard, 15.9-7.10 (7) (MT²); Kynance Cove, 23.9 (PB³); Coverack, 25.9, 27.9 (DCGB), 26.9 (SN); St Just, 26.9 (SN); Mullion, 2.10 (AW¹). S. DEVON [3] Lydford, 23.9 (PB²); Abbotskerswell, 29.9 (BPH); Berry Head, Brixham, 30.9 (BPH). DORSET [9] Portland Bird Observatory, 29.8, 19.9 (MC); Durlston Head, 8.9 (SN). IOW [10] Freshwater, 12.7 (SAK-J); Binstead, 22.9 (BW); Sconce Point, Yarmouth, 18.10 (DCGB). S. HANTS [11] Southsea, 1.7 (JRL); Farcham, 18.9 (RD). W. SUSSEX [13] Lyminster, 15.6 (REP); Walberton, 30.6 (JTR); Ferring, 29.8, 18.9 (TF). E. SUSSEX [14] Peacchaven, 26.8 (CRP); East Grinstead, 2.10 (JHC). E. KENT [15] Kingsgate, 21.9 (Solly, 2001); Greatstone, 24.9 (BB³); Lydd, 29.9 (KR¹); Orlestone Forest, 29.9 (RRC); Dungeness, 30.9 (NVG). S. ESSEX [18] Bradwell-on-Sea, 26.8, 23.9 (Dewick, 2001). S.W. YORK [63] Wakefield, 2.10 (Smith *in* Anon, 2001b). IOM [71] Dhoon Maughold, 20.6 (LK); Cloughbane Ramsey, 23.6, 2.7 (CW).

Conobathra tmuidana (D. & S.) [?R]

E. KENT [15] Dungeness, 20.8 (KR¹).

Conobathra tumidana (D. & S.) [?R]

E. KENT [15] Dungeness, 20.8 (KR¹).

Sciota adelphella (F.v.R.) [?R]

E. SUSSEX [14] Rye Harbour, 28.6 (2) (PT¹).

Dioryctria abietella (D. & S.) [?I/?R]

S. HANTS [11] Southsea 29.6 (JRL). N. HANTS [12] Selborne. 3.7 (AA). W. SUSSEX [13] Ferring, 19.6 (TF). SURREY [17] Banstead, 30.6 (SWG).

CHANNEL ISLANDS Guernsey: La Broderie, 28.6 (Costen *in* Austin, 2001).

Vitula biviella (Zell.) [R(t)]

E. KENT [15] Lydd, 13.7-15.8 (12) (KR¹); Greatstone, 11.8 (KR¹).

PAPILIONIDAE

Papilio machaon (L.) - Swallowtail [I/V/E]

HERTS [20] Rothamsted, 5.5 (J. Chapman) – subspecies not stated.

CHANNEL ISLANDS Jersey: St Martin, 11.6, 26.8 (2) (Perchard *in* Long, 2001); Le Ouaisné, 8.10, a larva on parsley (Williams *in* Long, *loc. cit.*).

PIERIDAE

Colias hyale (L.)/*alfacariensis* Berger - "Pale" Clouded Yellow

Three examples from Sussex are accepted as being of this species pair by the county recorder (CRP), but without voucher specimens the identity cannot be confirmed.

Colias croceus (Geoff.) - Clouded Yellow [I]

2000 was remarkable for the large immigration, and subsequent local breeding, of the Clouded Yellow. For example, at Portland it was described as "the best year since 1983" (MC). The first large influx arrived in the second week of June with a second peak, probably comprising fresh immigrants and locally bred insects from the middle of August onwards, throughout September and with a few stragglers surviving until October. There was also evidence of attempted overwintering. In Dorset, the first individual was seen on 23.4, far earlier than anywhere else. In October and even late November numbers of larvae were found at a couple of coastal sites and freshly emerged adults observed from 17-20.11 (MG).

Because of the number of records involved, a vice-county summary only is given. Numbers involved must be regarded as approximate.

W. CORNWALL [1] 18.6-13.10 (185+). E. CORNWALL [2] 25.6-16.9 (6). S. DEVON [3] 25.6-22.10 (13). N. DEVON [4] 21.8 (1). S. SOMERSET [5] 16.8 (1). N. SOMERSET [6] 13-15.7 (2). N. WILTS [7] 10.6 (1). DORSET [9] 23.4-20.11 (350+); 20.10-24.11, 280+ larvae at two localities. IOW [10] 18.6-3.9 (200+). S. HANTS [11] 10.6-29.9 (200+). N. HANTS [12] 10.6-17.9 (50+). W. SUSSEX [13] 1.6-15.10 (2000+). E. SUSSEX [14] 9.6-26.10 (750+). E. KENT [15] June-October (200+). W. KENT [16] 1-23.8 (2). SURREY [17] 19.6-10.9 (19). S. ESSEX [18] 10.6-31.8 (48). N. ESSEX [19] 22.8 (2). HERTS [20] 19.6-23.9 (26). MIDDLESEX [21] 10.6-20.9 (31). BERKS [22] 19.6-28.8 (4). OXON [23] 11.6-30.8 (6). BUCKS [24] 25.6-24.8 (47). E. SUFFOLK [25] 27.8-10.9 (200+). W. SUFFOLK [26] 18.6-25.9 (3). E. NORFOLK [27] 17.6-19.8 (6). W. NORFOLK [28] 18.6-15.8 (2). CAMBRIDGE [29] 2.7-1.10 (7). HUNTS [31] 19.6-3.11 (4). NORTHAMPTON [32] 30.6-28.8 (5). W. GLOUCESTER [34] 11-23.8 (3). WORCESTER [37] 20.8 (1). WARWICK [38] 17.7-30.8 (30+). SALOP [40] 19-20.8 (4). MERIONETH [48] 24-25.8 (5). DENBIGH [50] 4.9 (1). S. LINCOLN [53] 26.8-30.9 (6). N. LINCOLN [54] 25.8-1.10 (11). NOTTS [56] 29.8-1.9 (2). W. LANCASTER [60] 22.8-14.9 (3). S.E. YORK [61] 18.6-19.10 (100+). N.E. YORK [62] 13.9 (1). MID-WEST YORK [64] 25.6-23.9 (4). DURHAM [66] 25.6-16.9 (4). WESTMORLAND [69] 17.6-13.9 (30+). CUMBERLAND [70] 18.6 (2).

IOM [71] 8.5-13.10 (50+). E. Lothian [82] 25.6 (1). Stirling [86] 10.9 (2). Mid Perth [88] 25.6 (1). S. Aberdeenshire [92] 2.7 (1). Main Argyll [98] 25.6-14.10 (15). Wexford [H12] 18-30.6 (2). Dublin [H21] 17.6 (1). Sligo [H28] 30.9 (1). Fermanagh [H33] 18.6-29.9 (3). Armagh [H37] 15.10 (1). Down [H38] 17.6-21.10 (20+). Antrim [H39] 18.6 (1).

Poutia daplidice (L.) - Bath White [I]

W. SUSSEX [13] Levin Down, 27.9 (RW²).

LYCAENIDAE

Lampides boeticus (L.) - Long-tailed Blue [I]

N. LINCOLN [54] Wildmore Fen, 22.9 (Parsons *in* Anon, 2001b).

CHANNEL ISLANDS La Pulente, Jersey, 10.8 (DJW¹).

NYMPHALIDAE

Aglais polychloros (L.) - Large Tortoiseshell [I]

DORSET [9] Throop, 11.3 (M. Forster). E. SUSSEX [14] Lewes, 4.6 (JP¹).

Aglais antiopa (L.) - Camberwell Beauty [?E]

W. CORNWALL [1] Madron, 6.8 (PJ²).

Danaus plexippus (L.) - Milkweed [I/E]

W. CORNWALL [1] Nanquidno, 24.9 (per VS); "seen from the ferry from Penzance to Scilly", 30.9 (per VS); St Marys, Scilly, 5.10 (DT). E. CORNWALL [2] Bude, 10.10 (TD). DORSET [9] Portland, 7.10, 8.10 (per MC). W. SUSSEX [13] Bracklesham, 8.10 (Anon., 2001a). WARWICK [38] Bidford-on-Avon, 8.6 (R. Cox per DCGB). [IOM [71] Braddan, 18.9 "probable" (GW¹)].

LASIOCAMPIDAE

Deudrolivus piui (L.) - Pine-tree Lappet [?I]

CHANNEL ISLANDS Guernsey: La Broderie, 17.8 (Costen *in* Austin, 2001).

DREPANIDAE

Sabra harpagula (Esp.) - Scarce Hook-tip [I/V]

E. SUSSEX [14] Winchelsea Beach, 26.8 (DCGB).

GEOMETRIDAE

Cyclophora pupillaria (Hb.) - Blair's Mocha [I]

E. SUSSEX [14] Crowborough, n.d (MJS). E. KENT [15] New Romney, 21.6 (SPC); Kingsgate, 7.10 (Solly, 2001).

CHANNEL ISLANDS Jersey: Grouville, 23.9 (RL²).

Rhodometra sacraria (L.) - Vestal [I]

W. CORNWALL [1] Penzance, 3.9 (JW³); Church Cove, Lizard, 12-25.9 (11) (MT); Coverack, 24.9 (3), 26.9 (6), 27.9 (DCGB), 24.9-5.10 (10) (SN); Newlyn, 27.10 (JHC). E. CORNWALL [2] Minster Wood, Boscastle, 23.9 (AS). S. DEVON [3] Starcross, 8.8-3.9 (8), 12.10 (AHD); Abbotskerswell, 2.9, 4.9, 29.9 (BPH); Lydford, 23.9 (4) (PB²). N. DEVON [4] Saunton Sands, 25.8 (JM¹); Bidford, 23.9 (ASH). N. SOMERSET [6] Catsgore, 5.9, 9.9 (GEH). DORSET [9] Portland Bird Observatory, 19-26.6 (3), 5.8-19.10 (115) including 29.8 (36) (MC); Dorchester, 20.6 (JD²); Walditch, 5.8-29.9 (47); Lower Walditch, 12.8 (MSP); Wyke Regis, 26.8 (10), 29.8 (3), 9.9 (DI²); Ferndown, 26.8, 27.8 (3), 9.9 (3) (RRC); Durlston, 27.8 (8) (RAB); Parley Common, 28.8 (2) (RRC). IOW [10] Freshwater, 6.8, 29.8 (5) (DBW), 26-29.8 (6) (SAK-J); Binstead, 26.8 (5) (BW). S. HANTS

[11] Thorney Island, 27.6, 28.8 (3) (BC³); Portsmouth, 7.8, 11.8, 27.8 (12) (IT); Hayling Island, 26.8-4.10 (27) (Phillips & Durnell, 2001); Southsea, 26.8 (2), 28.8 (3) (JRL); Fareham, 26.8, 27.8 (3), 28.8; Wickham Common, 27.8 (RD); Selborne, 29.8-5.9 (5) (AA); Broughton Down, 29.8 (2) (AHD); Hook Spit, 30.8 (RD); Titchfield Haven, 8.9 (BD²). N. HANTS [12] Northwood Park, 16.8-13.9 (14) (RAB); Fleet, 27.8, 11.9, 21.9 (MAS); Basingstoke, 1.9 (GH¹). W. SUSSEX [13] West Wittering, 19.6, 26.8 (7), 28.8, (7), 4.9 (2) (ML); Kingsham, 21.6, 21.8, 26.8 (8), 27.8 (31), 28.8 (21), 29.8 (4), 30.8 (2), 31.8 (2), 4.9, 5.9, 10.9, 12.9, 19.9, 6.10 (SP); Walberton, 22.6, 7.8, 13.8, 26.8 (5), 27.8 (10), 28.8 (17), 29.8 (7), 30.8 (6), 31.8 (3), 3.9, 5.9 (3), 8.9, 9.9 (3), 10.9, 16.9, 19.9, 25-29.9 (4), 3.10, 4.10, 20.10 (JTR); Church Norton, 19.8 (CD¹); Chichester, 19.8, 26.8, 27.8, 28.8 (3), 29.8 (4), 2.9 (2), 7.9, 9.9 (MCP); Warnham, 26.8 (DB); Barlavington, 29.8 (MCP); Ferring, 29.8, 5.9, 18.9 (2) (TF); Littlehampton, 1-3.10 (2) (REP). E. SUSSEX [14] Old Heathfield, 28.6, 27-30.8 (3), 13.9 (DRML); Rye Harbour, 1.7, 26.8 (5), 27.8, 31.8, 22.9 (PT¹); Peacehaven, 12.8, 26.8 (6), 27.8 (6), 28.8 (12), 29.8 (8), 30.8 (3), 31.8, 4.9 (2), 13.9 (2), 18.9, 23.9 (CRP); Crawley Down, 24.8, 26.8, 29.8 (JHC); Winchelsea Beach, 26.8 (DCGB); Icklesham, 26.8 (2), 27.8, 29.8, 26.9, 3.10, 6.10 (IH¹); Laughton, 9.9 (JS²); Little Horsted, 22.9 (GP). E. KENT [15] New Romney, 22.6, 29.8 (SPC); Greatstone, 28.6, 20.8, 26.8 (2) (BB³); Lydden, 25.8 (REL); Dungeness, 26.8-13.9 (15) (DW/KR¹); Littlestone, 26.8 (2) (KR¹); Lydd, 26.8-4.9 (11), 25.9, 29.9 (KR¹); Densole, 17.9, 18.9, 29.9 (TR¹); Rolvenden Layne, 29.9, 4.10 (AB). W. KENT [16] Barnehurst, 22.6, 5.9 (TS). SURREY [17] Ash Ranges, 29.8 (GAC); Limpsfield Chart, 30.9 (PJO). S. ESSEX [18] Plaistow, 27.6 (GM); Theydon Bois, 26.8 (JGG); Bradwell-on-Sea, 28.8, 28.9, 3.10 (Dewick, 2001). N. ESSEX [19] Magdalen Laver, 5.9 (TG²); Felsted, 29.9, 6.10 (GG¹). HERTS [20] Bengoe, 23.9 (AW²). BERKS [22] Fernham, 24.6 (2), 17.8-4.9 (21), 22.9, 14.10 (SN); Pucketty Farm, 26.6 (MFVC). BUCKS [24] Willen, 2.7 (GEH). E. SUFFOLK [25] Felixstowe, 21.6 (JN); Staverton Thicks, 25.8 (SMG). E. NORFOLK [27] Eccles-on-Sea, 17.8 (NB *in* Hipperson, 2000); Stoke Holy Cross, 29.9 (AM¹, *ibid.*). E. GLOUCESTER [33] Longney, 6.8 et seq. (11) (AS²); Hempsted, 30.8 (GRA); Long Pool Meadow, Tewkesbury, 3.9 (RGG); Cheltenham, 2.10 (JSB per RGG). W. GLOUCESTER [34] St Briavels, 20.8 (RG¹); Rodborough Common, 22.8 (DR²). MONMOUTH [35] Dingestow, 26.8 (7) (SB²). WARWICK [38] Charlecote, 24.6 (DCGB). GLAMORGAN [41] Gower, 26.8 (7) (BS¹); Pilton Green, 28.8 (2), 10.9 (SW²); Reynoldston, 29.8 (2) (DP); Sandylane, 4.9 (BS¹); Swansea, 16.9 (BS¹). ANGLESEY [52] Alaw Estuary, 30.8 (NL). N. LINCOLN [54] Caistor, 16.8 (ATM); Old Bolingbroke, 24.8 (PP²); Roughton, 27.8 (KR²). LEICESTER [55] Markfield, 31.8-4.9 (3) (AM²); Oadby, 4.9 (RPF). NOTTS [56] Newstead Abbey Park, 31.8 (KVC). CHESTER [58] Birkenhead, 26.8 (4); Hoylake, 27.8 (12) (GJ); Coppull Moor, Chorley, 29.8 (SMW). S. LANCASTER [59] Formby, 19.6 (HB); Hough Green, 26.8 (JC²); Urmston, 26.8 (MD); Meresands Wood, 28.8 (DR¹); Chorley, 30.8 (HB); St Helens, 30.8 (DO); Worsthorpe, 30.8 (GG²); Pennington, 2.9 (PCP). W. LANCASTER [60] Cockersands, 30.6 (BC²/PM); Bispham, 26.8 (BB²); Lightfoot Green, 26.8 (SMP); Heysham, 29.8, 13.9 (BC²/PM); Burrow Heights, 29.8 (2), 31.8, 26.9, 29.9, 6.10 (BC¹). S.E. YORK [61] Eastington Ponds, 22.8 (DC). S.W. YORK [63] Rossington, 21.6 and 30.8 (RIH); Calderdale, 26.8, 7.9 (PT³). WESTMORLAND [69] New Hutton, 26.8 (2) (RPJ); Witherslack, 26.8 (SB¹); Walney Island, 28-29.8 (3) (Littlewood, 2001). IOM [71] Ballacriy Colby, 28.6, 27.8 (I&DS); Ravensdale Ballaugh, 30.6 (PK); Andreas, 27.8, 23.9 (TC); Minorca Laxey, 27.8 (RC); Jurby East, 28.8 (GDC); Dhoor Ramsey, 29.8 (GW¹); Dhoon Maughold, 5.9 (LK). BANFF [94] Ordiquhill, 2.9 (RL¹). ZETLAND [112] Eswick, 27.8 (Pennington & Rogers, 2001).

CHANNEL ISLANDS Guernsey: 12-31.8 (c100), occurring in small numbers until 4.10 (Austin, 2001).

***Orthonama obstipata* (Fab.) – Gem [I]**

W. CORNWALL [1] Land's End, 17.6 (RH²); Lizard, 5.8 (SPC), 21.9, 15.10 (MT); St Agnes, Scilly, 23.9 (4) (MH¹); Coverack, 27.9 (SN); Lamorna Cove, 25.10 (JHC). S. DEVON [3] Abbotskerswell, 18.6, 23.8 (BPH); Beer, 23.9 (RFM). DORSET [9] Portland Bird Observatory, 2-19.6 (3), 29.8-6.10 (4) (MC); Durlston Head, 18.6 (SN); Ferndown, 9.8 (RRC). IOW [10] Binstead, 17.6 (BW); Freshwater, 2.10, 23.10 (SAK-J). S. HANTS [11] Portsmouth, 10.8 (IT); Southsea, 10.8, 24.9 (JRL); Fareham, 26.9, 14.10 (RD). N. HANTS [12] Selborne, 12.6 (AA); Northwood Park, 13.6, 26.7 (RAB); Basingstoke, 1.9 (GH¹). W. SUSSEX [13] Kingsham, 21.6, 7-9.8 (3), 14.8, 17.8, 3.9 (SP); Walberton, 5-22.8 (6), 25-28.9 (7), 23-27.10 (5) (JTR). E. SUSSEX [14] Rye Harbour, 3.6, 25.6, 13.7, 30.7, 1.8, 4.8 (4), 5.8 (PT¹), 13.8 (DCGB), 23.8, 8.9, 23-24.9, 28.9, 20-22.10 (3) (PT¹); Peacehaven, 25.6, 30.9 (CRP); Icklesham, 31.7, 10.8, 30.8, 23.10 (5), 26.10 (2) (IH¹); Winchelsea Beach, 26.8 (DCGB); Ringmer, 22.10 (AKB). E. KENT [15] New Romney, 20.6-26.10 (12) (SPC); Greatstone, 29.7, 7.8, 11.9 (BB³); Lydd, 8.8-23.10 (9) (KR¹); Dungeness, 18.8 (TR¹), 11.9-22.10 (10) (DW/KR¹); Littlestone, 24.8 (KR¹); Densole, 29.9 (TR¹); Rolvenden Layne, 6.10 (AB); Cheriton, 22.10 (TR¹). S. ESSEX [18] Theydon Bois, 19.6 (JGG); Bradwell-on-Sea, 18.8, 1.10, 4.10 (Dewick, 2001). N. ESSEX [19] Felsted, 30.7 (GG¹); Dovercourt, 22.9, 23.9, 1.10 (CG); Frinton-on-Sea, 28.9 (BL). E. SUFFOLK [25] Minsmere, 30.9 (TP). E. NORFOLK [27] Eccles-on-Sea, 22.5, 30.9 (NB *in* Hipperson, 2000), 19.10 (Bowman, 2001); Cawston, 20.10 (JS³ *in* Hipperson, 2001). E. GLOUCESTER [33] Hempsted, 7.8 (GRA); Longney, 8.8 (AS²). GLAMORGAN [41] The Gower, 18.6 (DP). ANGLESEY [52] South Stack, 31.8 (NL). N. LINCOLN [54] Old Bolingbroke, 29.9 (PP²); Skidbrooke, 30.9 (JJ); Muckton, 1.10 (GW²). S. LANCASTER [59] Parr, 28.6 (RB). W. LANCASTER [60] Burrow Heights, 6.10 (BC¹). IOM [71] Dhoon Maughold, 21.5, 14.10 (LK); Cloughbane Ramsey, 29.8 (CW); St Johns, 29.9 (PK); Dhoor Ramsey, 30.9 (GW¹). S.E. GALWAY [H15] Kinvarra, 10.8 (IR¹). ROSCOMMON [H25] Lough Ree, 7.8 (IR¹). CHANNEL ISLANDS Guernsey: Clos des Pecqueries, 25.7, 14.9 (Lawlor *in* Austin, 2001); L'Ancrese, 23.9, 7.10, 15.10 (Austin, 2001).

***Costaconvexa polygranuata* (Borkh.) - Many-lined [I]**

S. DEVON [3] West Hill, 23.9 (Baker, 2001). S. SOMERSET [5] Closworth, 29.6 (JA). DORSET [9] Portland Bird Observatory, 18.6 (MC). CHANNEL ISLANDS Jersey: St Catherine, 25.8 (Long, 2001).

***Thera cupressata* (Geyer) - Cypress Carpet [?R/?V]**

W. SUSSEX [13] Ferring, 7.6, 19.6, 27.6 (5), 1.7 (2), 5.7 (5), 19.10 (2) (TF). E. SUSSEX [14] Rye Harbour, 28.11 (BY).

***Eupithecia abietaria* (Goeze) - Cloaked Pug [?R/?I]**

WARWICK [38] Charlecote, 17.6 (DCGB).

***Hylaea fasciaria* (L.) - Barred Red [I]**

E. KENT [15] Densole, 20.7 ab. *prasinaria* (TR¹).

SPHINGIDAE***Agrius couvolvuli* (L.) - Convolvulus Hawk [I]**

W. CORNWALL [1] St Agnes, Scilly, 1.7, 24-25.8, 2.9 (4), 5.9 (Hicks, 2001); Church Cove, Lizard, 11.9-2.10 (39) (MT); Coverack, 24.9 (3), 25.9, 27.9 (DCGB), 25.9 (2) (SN). S. DEVON [3] Buckfastleigh, 2.9 (BB¹); Newton Abbot, 28.9 (per RFM); Teignmouth, 29.9 (RFM); Abbotskerswell, 30.9 (BPH); Lustleigh, 2.10 (PH²). N. SOMERSET [6] Catsgore, 10.9 (GEH). S. WILTS [8] Tollard Royal, 10.9 (SS). DORSET [9] Child Okeford, 8.8 (JH⁶); Portland Bird Observatory, 19.8-7.10 (12) (MC); Durlston Head, 27.8 (RAB), 8.9 (6) (SN), 14.9 (5) (DCGB), 22.9 (2) (SN); Walditch, 5.9 "squirted meconium", 20-30.9

(6) (MSP); East Lulworth, pupa, 7.9 (per MSP); Wyke Regis, 8.9 (DF²); Coombe Keynes, 11.9; Sutton Waldron, 13.9 (per MSP). IOW [10] Newtown, 20.9 (SY); Binstead, 23.9 (BW); Freshwater, 30.9 (TR²); Yarmouth, 3.10 (JW²). S. HANTS [11] Lee-on-Solent, 5.9 (Wilson *in* Phillips & Durnell, 2001); Havant, 21.9 (BC³); Southsea, 1.10 (JRL). N. HANTS [12] Basingstoke, 24.8 (BS²), 22.9 (AHD), 28.9 (PW²); Selborne, 30.9 (per AA). W. SUSSEX [13] Walberton, 9.9, 23.9, 27.9 (4), 28.9, 1.10, 3.10, 4.10 (JTR); Ferring, 9.9, 28.9, 2.10 (TF); Atherington, 22.9 (3) (DCGB); West Wittering, 23-30.9 (4) (ML); Lyminster, 27.9 (REP); Runcton, 1.10 (GS²). E. SUSSEX [14] Rye Harbour, 1.7, 24.9, 28.9 (PT¹), 28.10 larva (anon. per PT¹); Beachy Head, 18.8 (AKB); Winchelsea Beach, 7.9 larva (JS³); Peacehaven, 8.9, 25.9, 22.10 (CRP); Chiddingly, 23.9 (RS); Icklesham, 30.9-6.10 (4) (IH¹); Little Horsted, 5.10 (GP); Ringmer, 22.10 (AKB). E. KENT [15] Dungeness, 7.7 (DF¹), 29.9, 1.10 (KR¹); Lydd, 24.8, 26.8, 1.10 (KR¹); Dover, 20.9; Densole, 22.9, 1.10 (TR¹); Tunbridge Wells, 28.9 (JM²); Rolvenden Layne, 29.9, 2.10, 5.10, 8.10 (AB). S. ESSEX [18] Bradwell-on-Sea, 6.7, 10.8, 31.8, 6.9, 19.9, 23.9, 25.9 (Dewick, 2001); Bicknacre, 2.8 (JD¹); Burnham-on-Crouch, 28.9 (DH¹); Epping, 29.9 (TG¹); Theydon Bois, 2.10 (JGG). N. ESSEX [19] Mersea Island, 25.9 (JH¹); St Osyth, 28.9 (RWA). E. SUFFOLK [25] Tunstall, Sept/Oct (3) (DAY). E. NORFOLK [27] Winterton-on-Sea, 31.7 (RAB); Weybourne, 5.9, 18.9 (MP¹ *in* Hipperson, 2000); Hindolveston, 10.9 (JC¹, *ibid.*); Honing, 28.9 (PH¹, *ibid.*); Eccles-on-Sea, 28.9, 29.9 (NB, *ibid.*), 4.10 (Bowman, 2001). W. NORFOLK [28] Titchwell, 23.9 (MS¹ *in* Hipperson, 2001). CAMBRIDGE [29] Harston, 30.9 (CME). HUNTS [31] Great Gransden, 24.8 larva, 11.9 (SB³). MONMOUTH [35] Abergavenny, 19.9 (per SB⁴). WORCESTER [37] Pershore, no date (LB², det MSP). GLAMORGAN [41] Pilton Green, 19.8, 28.8, 8.9 (SW²); Whiteford Burrows, 6.9 (DP); Swansea, 10.9 (MJW); Sandylane, 11.9 (BS¹); Reynoldston, 12.9 (DP); Llanmadoc, 17.9 (MRF); Port Eynon Point, 23.9 (BS¹). PEMBROKE [45] Milford Haven, 8.10 (MP²). S. LINCOLN [53] Nocton Top, 6.9 (per RG²). N. LINCOLN [54] Gibraltar Point, 2.7 (KMSW), 3.9 (AD); Muckton, 25.8, 15.9, 30.9-2.10 (GW²); Immingham, 1.9 (ATM); Skidbrooke, 8.9 (JJ); Gainsborough, 9.9 pupa (per RG²); Goxhill, 11.9 (CP), 16.9 (ATM); Rigsby, 28.9 (per RG²). W. LANCASTER [60] Martin Mere, 5.9 larva (JFW); Burrow Heights, 10.9 (BC¹); Heysham, 30.9 (per PM). S.E. YORK [61] Spurn, 26.6, 27.6, 18.8-30.9 (13); Easington, 10.10 (BRS). WESTMORLAND [69] Walney Island, 5.9, 7.9 (Littlewood, 2001). IOM [71] Ballacaley Sulby Glen, 16.8 (LK); Claughbane Ramsey, 1.9 (CW); Dhoon Maughold, 1.9 (LK); Kirk Michael, 7.9, 20.9 (per GDC); Glen Auldyn, 1.10 (PK). N. EBUDES [104] Holoman Bay, Raasay, 2.9 (SB¹). ZETLAND [112] Shetland, 18.8-5.9 (7) (Pennington & Rogers, 2001). CHANNEL ISLANDS Guernsey: La Broderie, 25.8; Icart, 21.9; St Peters Church, 22.9; Castle Cornet, 29.9 (Austin, 2001).

Acherontia atropos (L.) - Death's-head Hawk [I]

S. DEVON [3] Hittisleigh Barton, August (J. Milverton per RFM); Ashburton, dead in church, 10.9 (per MSP). DORSET [9] West Bexington, "summer" (per MSP). IOW [10] Bonchurch, 26.9 (JL²). E. SUSSEX [14] Icklesham, 21.8 (IH¹). N. ESSEX [19] Great Braxted, larva, 25.8 (JT); Marks Tey, 1.9 (AC²). E. SUFFOLK [25] Hadleigh, 14.7 (Rudman *in* Anon, 2001b). W. NORFOLK [28] Titchwell, 20.9 (*in* Hipperson, 2000). MONMOUTH [35] Newport, 26.4 (Dupe *in* Anon, 2001b). GLAMORGAN [41] North Cornelly, 4.9 (Anon, 2001b). S. LINCOLN [53] Morkery Wood, 28.8 (KS²). N. LINCOLN [54] Ashby cum Fenby, 7.10 (ATM). S.E. YORK [61] Filey, 29.9 (Anon, 2001b). IOM [71] Glen Auldyn, 21.7 (LK). ANTRIM [H39] Jordanstown, c.4.7 (per IR¹).

Hyloicus pinastri (L.) - Pine Hawk [I/?V]

S.E. YORK [61] Spurn, 12.7 (BRS).

***Macroglossum stellatarum* (L.) - Humming-bird Hawk [I]**

W. CORNWALL [1] Feock, 17.6 (RDP); St Marys, Scilly, 18.6; St Agnes, Scilly, 18.6 (per SN); Mullion, 18.6 (GAC); Constantine, 28.6-5.7 (HJ); Truro, 30.6, 18.9 (RDP); Lizard, 2.7 (2), 21.9, 23.9 (MT), 29.9 (SN), 3.10 (2) (AW¹); Perranporth, 10.7 (V. Allsop per RDP); Mousehole, 20.7 (per SN); Lamorna Cove, 1.9 (JHC); Illogan, 10.9 (per SN); St Ives, 24.9 (JH³); Coverack, 24.9 (DCGB), 27.9, 28.9, 5.10 (SN), 2.10 (2), 5.10 (3) (AW¹); Nanquidno, 6.10 (GF); St Martins, Scilly, 6.10 (RDP); St Marys, Scilly, 13.10 (GF). E. CORNWALL [2] Port Gaverne, 13.6 (per SN); Ladock, 13-22.6, 16.9 (JR); Boscastle, 16.6 (GAC); Gerrans, 18.6 (RDP); Mevagissey, 11.7 (RDP); Polperro, 14.9; St Austell, 15.9; Looe, 15.9 (per SN). S. DEVON [3] Kingswear, 28.2 (ME); Dawlish, "mid-June", 17.9, October (PF); 20.9, 22.9 (PH²); Lydford, 17.6 (ME); Abbotskerswell, 25.6, 22.9 (BPH); Bovey Tracey, 26.6 (2) (PH²); Exeter, 27.6 (PB²); Berry Head, Brixham, 28.6 (3), 17.7 (ME); Prawle Point, 28.6 (c.20) (RAB); Haytor, Dartmoor, 2.7 (PH²); Torquay, 8.7 (BD¹), 29.7 a larva (ME); Combe Pafford, 17.7 (2) (ME); Chudleigh, 27.7, 10.9 (PH²); Holcombe, 3.9 (RFM); Slapton Sands, 17.9 a pupa (TR¹); Lustleigh, 2.10 (2) (PH²); Newton Abbot, 23.11 (BPH). N. DEVON [4] Bucks Mills, 16.6 (GAC); Lower Washfield, 20.6 (FS). N. SOMERSET [6] Brean Down, 3.9 (2) (per SN); Long Sutton, 7.9 (GEH). N. WILTS [7] Corsham, 17.6 (per SN); Avebury, 13.7 (JHC); Bishopstone, 25.9 (per SN). S. WILTS [8] Salisbury, 2.10 (per SN). DORSET [9] Portland Bird Observatory, 9.4-23.11 "average numbers" (MC); Upwey, 2.6 (PH³); Dorchester, 18.6, 24.6, 22.11 (JD²); Maiden Newton, 25.6 (JD²); Portland, 4-11.8 (5 larvae) (RAB); Litton Cheney, 2.9; Longburton, 3.9 (per SN); Gillingham, 18.9 (per MSP); Walditch, 20.9, 23.9 (MSP); Wyke Regis, 23.9 (DF²); Ferndown, 25.9 (per SN); East Lulworth, 9.10 (RH³); Wareham, 15.10 (CR); Blandford Forum, 15.10 (per SN). IOW [10] Binstead, 5.3 (BW); Carisbrooke, 18.6 (per SN); Freshwater, 18-19.6 (DBW); Newtown, 23.9 (SY). S. HANTS [11] Martin Down, 26.6 (MCH); New Milton, 28.6 (per SN); Southampton, 5.7 (per SN); Oliver's Battery, 26.8; Havant, 11.9, 13.9 (per SN); Hayling Island, 29.9, 23.10 (Phillips & Durnell, 2001); Southsea, 30.9 (JRL); Bishops Waltham, 4.11 (per SN). N. HANTS [12] Northwood Park, 20.6, 23.6, 25.6, 26.6, 7.7, 29.10 (RAB); Winchfield, 19.6, 17.7; Alton, 2.7 (per SN); Basingstoke, 16-17.9, 22-23.9, 30.9, 2.10 (AHD); Bramley Frith Wood, 28.9 (AC¹). W. SUSSEX [13] Hove, 14.6 (RMC); Pagham Harbour, 15.6, 30.6, 3.7, 29.7 (SP); Ferring, 26.6, 5.7 (TF); Littlehampton, 27.6, 29.6, 19.8 (RK); Chichester, 27-28.6 (MCP); Upper Beeding, 1.7 (per SN); Kingsham, 5.7 (SP); Levin Down, 21.7 (AG³); Horsham, 29.7 (per SN); Walberton, 4.9, 9.9 (JTR); South Lancing, 11.9 (per SN); West Wittering, 29.9 (ML). E. SUSSEX [14] Peacehaven, 10.6-23.10 (45) (CRP); Ringmer, 11.6, 1.10 (AKB); Eastbourne, 20.6 (Mrs Clarke per CRP); St Leonards, 21.6 (DD); Rye Harbour, 21.6, 30.6, 5.7, 9.9 (2), 21.10 (PT¹); Lewes, 25.6 (3), 17.9 (OJ), 22.9 (AKB); Piltown, 26.6 (2) (GP); Brighton, 30.6 (BF); Norman's Bay, Pevensey, 5.7 (MSP); Icklesham, 10.7, 25.9 (IH¹); Beachy Head, 3.9 (2) (JC⁴), 28.9 (2) (PW³); Seaford, 9-11.9 (3), 25.9 (PW³), 27.9 (AKB). E. KENT [15] Dungeness, 24.3, 9.6-21.10 (26) (DW/DF¹); New Romney, 23.6, 19.9, 3.10, 5.10 (SPC); Densole, 3.7, 24.8, 11.9, 15.10 (TR¹); Walmer, 30.8 (per SN); Lydd, 30.9 (KR¹). W. KENT [16] Farnborough, 23.6 (per SN). SURREY [17] East Dulwich, 1.4 (RAJ); Ashted, 24.9, 19.10 (per SN). S. ESSEX [18] Bradwell-on-Sea, 3.3 in a moth trap (JS¹), 17.6-10.10 adults, 21.7-23.8 larvae (Dewick, 2001); Walthamstow, 2.7 (per SN); Leigh-on-Sea, 11.8; Thundersley, 29.9 (DGD). N. ESSEX [19] Jaywick, 24.6 to 7.7 (20+) (JY); Frinton-on-Sea, 6.7 (BL); Rayne, 19.7 (AG); Langenhoe, 28.7 (HO); Hempstead, 24.9 (DH³). HERTS [20] Bishops Stortford, 25.6; Shenley, 25.6; Walkern, 26.6; Ware, 21.7 (per SN). MIDDX [21] South Kensington, 2.7 (per SN). BERKS [22] Newbury, 14.5 (per SN); Cookham Rise, 18.6 (BDC); Maidenhead, 21.6, 12.9, 17.9 (DF³); Upper Basildon, 24.6, 30.6, 11.9, 3.10, 18.10 (NS/MCH); Fernham, 25.6, 28.6, 2.7, 5.7, 8.7, 10.7, 30.7, 4.10 (SN); Pucketty Farm, 26.6 (MFVC); Cox Green, 30.9 (DJW²). OXON [23] Wheatley, 30.6 (PB⁴); Wyfold Grange, 27.7, 1.10 (PT²). BUCKS [24] Willen, 27.6, 29.6, 2.7, 17.9 (GEH). E. SUFFOLK [25] Boyton, 26.9 (JH³). W. SUFFOLK [26] Brandon, 25.6 (per SN). E.

NORFOLK [27] Horsey, 25.5 (per SN); East Ruston, 13.6 (RA *in* Hipperson, 2000); Filby, 18.6 (2) (JG², *ibid.*); Sheringham, 21.6, 27.7 (CF² *in* Hipperson, 2001); Felbrigg, 21.6, Edgefield, 22.6, 1.7, 18.7 (AS³ *in* Hipperson, 2000); Martham, 26.6 (per SN); Filby, 27.6 (KS¹, *ibid.*); Great Yarmouth, 30.6 (PC², *ibid.*); Wolterton, 30.6 (JP² *in* Hipperson, 2001); Weybourne, 8.7 (MP¹ *in* Hipperson, 2000); Barnham Broom, 10.7 (JG¹, *ibid.*); Hemsstead, 13.7 (JH⁵, *ibid.*); Norwich, 14.7 (RR, *ibid.*); Stoke Holy Cross, 12.8 (DJ, *ibid.*), 30.9 (AM¹, *ibid.*); Worstead, 30.9 (PH¹, *ibid.*); Thorpe Hamlet, 30.9 (DH⁴, *ibid.*); Thorpe St Andrew, 9.10 (JI, *ibid.*). W. NORFOLK [28] Wells, 2.10 (PH¹ *in* Hipperson, 2001). CAMBRIDGE [29] Reach, August (CM). HUNTS [31] Bluntisham, 26.6 (per SN). NORTHAMPTON [32] Boughton, 9.7; Sywell, 26.9 (per SN). E. GLOUCESTER [33] Gloucester, 11.6 (RP); Churchdown, 17.6 (CT); Siccardige Wood, 29.6 (MSP); Marle Hill, 11.7 (per RGG); Cheltenham, 17.7 (DH²); Stroud, 22.9 (SH); Cirencester, 2.10 (P. Attaway per RGG); Longney, 24.10 (AS²). W. GLOUCESTER [34] Wotton-under-Edge, 24.6 (BC⁴); Avon Gorge, 18.7 (DCG); Longhope, 7.9 (DR²); Newnham, 15.9 (LB¹ per RGG); St Briavels, 26.9 (RGG); Two Bridges, 10.10 (SG). MONMOUTH [35] Trellech, 24.9 (per SN). SALOP [40] Bridgnorth, 25.6; Wem, 25.6 (per SN). GLAMORGAN [41] Pilton Green, 5.2 (SW²); Rhoose, 30.3; Bridgend, 17-18.6; Barry Docks, 26.6; Nash Point, 25.7 (per SN). PEMBROKE [45] St Davids, 16.6 (SB²); Skomer, 16.6 (7), 17.6 (8) (Field, 2001). DENBIGH [50] near Wrexham, 18.6 (2) (SL). FLINT [51] Nercwysy Mountain, 18.6 (per SN). S. LINCOLN [53] Barholm, 22.6; Ancaster, 25.9; Wyberton, 8.10; Ruskington, 15.10 (per SN). N. LINCOLN [54] Muckton, June, 17.7 (GW²); Barton upon Humber, 19.6 (ATM); Haxey, 26.6, Glentham, 28.6 (CS²); Gibraltar Point, 3-4.7 (KMSW); Goxhill, 26.6 (CP), 11.7 (ATM); Rigsby, 28.9; Winterton, 8.10 (per SN). NOTTS [56] Worksop, 19.6 (per JE); Keyworth, 25.6 (per SN); Ruddington, 26.6 (3) (per JE); Gedling, 27.6, 29.9 (per SW¹); Newstead Abbey Park, 28.6 (KVC); Eakring, 2.7; East Leake, 4.7 (per SN); Clifton, 6.7 (per JE); Market Warsop, 16.9 (per SN); Brackenhurst, 22.9 (per SW¹); Southwell, 13.10 (per JE); Ravenshead, 13.10 (per JE). CHESTER [58] Cheadle, 16.7 (per SN). S. LANCASTER [59] Earby, 17.6, 17.7; Prestwich, 18.6; Burnley, 18.6, 27.10 (per SMP); Colne, 19.6, 22.6 (GG²); Chorley, 21.6, 26.6, 1.7 (per SMP); Meresands Wood, 23.6 (IK); Orrel Park, 26-27.6; Briercliffe, 27.6; Barrowford, 1-2.7; Blacko, 1.7; Martin Mere, 1.7; Barrowford, 2.7 (per SMP); Liverpool, 3.7, 30.9 (per SN); Nelson, 6.7; Trawden, 16.7; Hoghton, 17.7, 22.7; Billinge, 18.7; Horwich, 19.7 (per SMP). W. LANCASTER [60] Low Gill, 20.6 (per SMP); Claughton, 25.6 (MB¹); Warton Crag, 26.6 (SMP); Lancaster, 30.6; Silverdale, 3.7; Heysham, 3.7, 27.7, 11.10; Warton Bank, 26.7; Scotforth, 11.9 (per SMP). S.E. YORK [61] Spurn, 1-3 almost daily 18.6-7.7, 14.7, 18.7, 11.9, 24.9 (BRS); Cottingham, 22.6; Kingston upon Hull, 4.7 (per SN). N.E. YORK [62] Guisborough, 27.9 (per SN). S.W. YORK [63] Adlingfleet, 24.6 (per SN); Bingley, 28.6 (AH). MID-WEST YORK [64] Ilkley, 23.6; Leeds, 27.6; Burley in Wharfedale, 27.6, 10.7; Low Bentham, 1.7; Ingleton, 15.7 (per SN). DURHAM [66] Darlington, 25.6; Sunderland, 28.6, 1.8; Hutton-Le-Hole, 12-13.7 (per SN). S NORTHUMBERLAND [67] Newcastle, 17.6 (per SN). CHEVIOTLAND [68] Low Newton-by-the-Sea, 7.7 (PS¹); Alnwick, 7.7 (PS¹), "July/August" (Mr Swan per MSP). WESTMORLAND [69] Witherslack, 27.6 (per SN); Walney Island, 9.7, 18.7, 22.7 (Littlewood, 2001). IOM [71] Dhoor Ramsey, 15.6 (GW¹); Peel, 17-18.6 (IH²); Ballamoda Malew, 17.6, 23.6 (IH²); Minorca Laxey, 18.6 (RC); Ballaghennie Ayres, 18.6 (BJ); Dhoon Maughold, 19.6 (LK); Ramsey, 19.6 (FH); Braddan Church, 22.6 (JC³); Maughold, 22.6 (JB² per GDC); Claughbane Ramsey, 26.6 (CW); Laxey, 26.6 (CS¹); Ballahot Malew, 21.7 (KJ); Sandygate Jurby, 6.8 (LK); Howe Rushen, 18.9 (JC³); Glen Auldryn, 1.10 (PK). EDINBURGH [83] Temple, 25.6 (per SN). EASTERNNESS [96] Inverness, 1-3.7 (per SN). ZETLAND [112] Cunningsburgh, 20.6; Burra, 21.6; Fair Isle, 22.6, 25.6, 4.7, 26.7; Foula, 23.6; Baltasound, 24.6, 1.7; Muckle Roe, 28.9 (Pennington & Rogers, 2001).

N.E. GALWAY [H17] Ballinasloe, 2.7 (GM). WICKLOW [H20] Ballinaclash, 18.6 (per SN). E. DONEGAL [H34] Lough Eske, 18.6 (per SN). TYRONE [H36] Omagh, 3.7 (per IR¹). ARMAGH [H37] Loughgall, 17.6, 1-5.7 (per SN); Portadown, 15.10 (IR¹). DOWN [H38] Monlough, 16.6 (per SN); Killard Point, 17.6; Bleary, 3.7 (per IR¹). CHANNEL ISLANDS Guernsey: Regular between 4.6 and 19.10 (Austin, 2001).

***Daphuis uerii* (L.) - Oleander Hawk [?I/?E]**

MIDDLESEX [21] Tottenham, 13.9 (Cottridge *in* Anon, 2001b).

***Hyles gallii* (Rott.) - Bedstraw Hawk [I]**

W. CORNWALL [1] Breage, 18.7 (Tunmore, 2001). E. SUSSEX [14] Rye Harbour, 5.7 (PT¹). E. KENT [15] Kingsgate, 9.7 (Solly, 2001); Dymchurch, 5.8 (JO). N. ESSEX [19] Felsted, 19.7 (GG¹). E. SUFFOLK [25] Rushmere St Andrew, 5.7 (Higgott *in* Anon, 2001b); Thorpeness, 30.7 (RAB). E. NORFOLK [27] Eccles-on-Sea, 22.7 (Bowman, 2001). W. NORFOLK [28] Wells-next-the-Sea, 6.9 a larva (CP). N. LINCOLN [54] Muckton, 5.7 (GW²). S. LANCASTER [59] Flixton, 28.7 (B. Hilton per SMP). S.W. YORK [63] Mirfield, 6.7 (Tordoff *in* Anon, 2001b). WESTMORLAND [69] Grange-over-Sands, 17.7 (Birkett, 2000); Walney Island, 27.7 (Littlewood, 2001). IOM [71] Cloughbane Ramsey, 13.7 (CW); Dhoon Maughold, 13.7 (LK). S. ABERDEEN [92] Kittybrewster, 11.7 (Banks *in* Anon, 2001b). BANFF [94] Ordiquhill, 4.7 (RL¹). ZETLAND [112] Eswick, 22.6 (Pennington & Rogers, 2001).

***Hyles livornica* (Esp.) - Striped Hawk [I]**

W. CORNWALL [1] Breage, 17.6 (Tunmore, 2001). DORSET [9] Puddletown, 20.6 (HWH). E. KENT [15] Dymchurch, 26.7 (JO). E. GLOUCESTER [33] Hilcot End, 28.6 (MSP). MONMOUTH [35] Abergavenny, 17.6 (Brown *in* Anon, 2001b).

NOTODONTIDAE

***Clostera anachoreta* (D. & S.) - Scarce Chocolate-tip [?I/?R]**

CHANNEL ISLANDS Jersey, 8.8 (DJW¹).

LYMANTRIIDAE

***Lymantria dispar* (L.) - Gypsy Moth [I]**

E. SUSSEX [14] Pebsham, Hastings, 26.8 (SR).

CHANNEL ISLANDS Guernsey: St Peter Port, one in a pheromone trap some time between August and October (Angell *in* Austin, 2001).

ARCTHIDAE

***Atolnis rubricollis* (L.) - Red-necked Footman [?I/?R]**

N. ESSEX [19] Colchester, 17.6 (RWA). BERKS [22] Fernham, 28.6 – with *Eublemna ostrina* and *E. parva* (SN). S. LANCASTER [59] Formby, 20.6 (HB). W. LANCASTER [60] Gait Barrows, 10.6 (RPJ).

***Pelosia muscerda* (Hufn.) - Dotted Footman [I]**

E. KENT [15] Hamstreet, 26.8 (Tickner *in* Ferguson, 2002).

***Eilema sororcula* (Hufn.) - Orange Footman [I]**

E. KENT [15] New Romney, 12.5 (SPC); Greatstone, 12.5 (BB³).

***Lithosia quadra* (L.) - Four-spotted Footman [I+R]**

W. CORNWALL [1] St Agnes, Scilly, 17.6 (Hicks, 2001); Mousehole, 23.9 (JH³). S. DEVON [3] Teignmouth, 3.7 (RFM); Starcross, 31.7 (AHD). DORSET [9] Walditch, 29.7, 8.8, 9.8 (MSP). IOW [10] Binstead, 27.6 (BW); Freshwater, 18.9 (SAK-J). W. SUSSEX

[13] Walberton, 20.6, 27.6, 28.6, 23.9, 28.9 (JTR); West Wittering, 30.7 (ML). E. SUSSEX [14] Beckley, 12.6 (Burrows & Bradshaw per CRP); Winchelsea, 19.6, (DCGB); Rye Harbour, 20.6 (2) (PT¹); Icklesham, 14.9, 18.9 (2), 22.9, 25.9 (IH¹); Laughton, 23.9 (JS²). E. KENT [15] Littlestone, 15.6, 20.6, 18.9 (KR¹); Orlestone Forest, 1.7 (RRC); Cheriton, 22.9 (TR¹). GLAMORGAN [41] Gower, 18.6 (DP). CAERNARVON [49] Rowen, 20.6 (DE). IOM [71] Cloughbane Ramsey, 12.8 (CW). CHANNEL ISLANDS Guernsey: Mont D'Aval, 27.7, 7.8; La Broderie, 30.7; Le Chêne, 9.8, 12..8 (Austin, 2001).

***Utetheisa pulchella* (L.) - Crimson Speckled [I]**

W. CORNWALL [1] Breage, 17.6 (Tunmore, 2001).

***Euplagia quadripunctaria* (Poda) - Jersey Tiger [R+V]**

DORSET [9] Portland Bird Observatory, 21.8 (MC); Southwell, 26.8 (per MC). IOW [10] Freshwater, 5.8 (DBW), 20.8 (SAK-J), 24.8 (2), 25.8 (2), 29.8 (DBW). E. SUSSEX [14] Winchelsea Beach, 14.8, 26.8 (2) (DCGB).

CTENUCHIDAE

***Amata phegea* L. - Nine-spotted [?E/?In]**

N. ESSEX [19] Clacton-on-Sea area, 24.7 (RG¹/PS²).

NOLIDAE

***Meganola albula* (D. & S.) - Kent Black Arches [?I/?R]**

E. NORFOLK [27] Calthorpe, 22.7 (PH¹ in Hipperson, 2000). N. LINCOLN [54] Gibraltar Point, 2.7 (SE).

NOCTUIDAE

***Ochropleura plecta* (L.) - Flame Shoulder [V]**

ZETLAND [112] Quendale, 22.6 (Pennington & Rogers, 2001).

***Ochropleura leucogaster* (Frey.) - Radford's Flame Shoulder [I]**

DORSET [9] Walditch, 29.11 (MSP). W. SUSSEX [13] Walberton, 29.9 (JTR). E. SUSSEX [14] Icklesham, 26.10 (IH¹).

***Eurois occulta* (L.) - Great Brocade [I]**

W. SUSSEX [13] Kingsham, 7.8 (SP). W. KENT [16] Dartford, 23.7 (BKW). S. ESSEX Bradwell-on-Sea, 27.7 (Dewick, 2001). N. ESSEX [19] Dovercourt, 4.9 (CG). E. NORFOLK [27] Cawston, 17.7 (JS³ in Hipperson, 2000); Hindoleveston, 5.9 (JC¹, *ibid.*); Weybourne, 8.9 (MP¹, *ibid.*); Eccles-on-Sea, 9.9 (NB, *ibid.*). S.E. YORK [61] Spurn, 18.7, 19.7 (BRS). ZETLAND [112] Shetland, 26-31.7 (c.6) (Pennington & Rogers, 2001)

***Hecatera dysodea* (D. & S.) - Small Ranunculus [?I/?V]**

E. SUFFOLK [25] Landguard Bird Observatory, 6.7 (Odin, 2001).

***Mythinna albipuncta* ([D. & S.]) - White-point [I+R(t)]**

W. CORNWALL [1] St Agnes, Scilly, 29.8 (Hicks, 2001). S. DEVON [3] Holcombe, 8.9 (RFM); Dawlish, 30.10 (PF). DORSET [9] Portland Bird Observatory, 9.5-1.7 (12), 8.8-19.9 (107) (MC); Upwey, 2.6 (PH³); Dorchester, 14.6, 3.7 (JD²); Durlston Head, 29.6 (2) (SN); 27.8 (2) (RAB), 8.9 (55) (SN), 23.9 (RRC); Walditch, 21.8-10.9 (16) (MSP); Wyke Regis, 29.8 (DF²). IOW [10] Binstead, 24.8, 29.9 (BW); Freshwater, 29.8, 30.8, 2.9 (2) (DBW). S. HANTS [11] Hayling Island, 2.6-23.9 (16) (Phillips & Durnell, 2001); Thorney Island, 27.6 (BC³); Southsca, 17.8 (2), 25.8, 26.8 (2), 27.8 (JRL); Pennington Marshes, 23.8 (2) (RRC); Titchfield Haven, 29.8-8.9 (5) (BD²); Hayling Island, 8.9 (4) (RAB); Southleigh Forest, 23.9 (JRL). N. HANTS [12] Northwood Park, 13.9 (RAB). W. SUSSEX

[13] Walberton, 15.5-29.6 (10), 10.8-19.9 (45) (JTR); West Wittering, 20.5-24.6 (3), 11.8-26.9 (10) (ML); Kingsham, 19-26.6 (2), 7.8-18.9 (35) (SP); Ferring, 5.9 (TF); Atherington, 22.9 (2) (DCGB). E. SUSSEX [14] Peacehaven, 2-18.6 (3), 23.8-25.9 (47) (CRP); Rye Harbour, 2-24.6 (13), 8.8-20.9 (30) (PT¹); Crawley Down, 4.8, 23.8 (JHC); Icklesham, 13.8-4.10 (40) (IH¹); Old Heathfield, 17-20.8 (DRML); Winchelsea Beach, 26.8 (20) (DCGB); Eastbourne, 30.8 (4) (CWP), 9.9 (AKB); Ringmer, 6-11.9 (4) (AKB); Laughton, 7.9 (JS²); Playden, 9.9 (3), 17.9 (RAB); Lewes, 22.9 (2) (JS²). E. KENT [15] Densole, 24.8, 27.8, 30.8, 28.9 (TR¹); Newington, 14.9 (REL); Dungeness, 30.9 (NVG). S. ESSEX [18] Bradwell-on-Sea, 23.5-22.6 (9), 13.8-28.9 (50) (Dewick, 2001). N. ESSEX [19] Brightlingsea, 15.8 (DS¹); Mistley, 19.8 (ICR); Dovercourt, 24.8, 26.8, 30.8, 2.9, 3.9, 4.9 (CG); Takeley, 6.9 (GS¹); Jaywick, 11.9 (JY); St Osyth, 13.9 (RWA); Lawford, 23.9 (ICR). E. SUFFOLK [25] Rushmere St Andrew, 1.6, 10.8-3.10 (19) (JH³); Staverton Thicks, 25.8 (2) (SMG); Tunstall, over 100 from July to October (DAY). E. NORFOLK [27] Stoke Holy Cross, 13.8 (AM¹ in Hipperson, 2000); Eccles-on-Sea, 22.8, 8.9, 11.9 (NB. *ibid.*).

***Mythimna vitellina* (Hb.) – Delicate [I+R(t)]**

W. CORNWALL [1] Praze-an-Beeble, 15.6 (GAC/AS¹); Land's End, 17.6, 19.6 (RH²); St Agnes, Scilly, 17.6, 5.9 (Hicks, 2001); Church Cove, Lizard, 12.9-31.10 (39) (MT); Coverack, 24.9 (3), 25.9, 26.9 (11), 27.9 (12) (DCGB), 24.9-7.10 (82) (SN); Mullion, 30.9-6.10 (33) (AW¹); Lamorna Cove, 22-27.10 (16) (JHC). S. DEVON [3] Plymstock, 13.7 (JHC); Dawlish, 14.7, 23.9 (PF); Berry Head, Brixham, 16.9, 30.9 (BPH); Exeter, 26.9 (2) (PB²). S. SOMERSET [5] Churchinford, 7.10 (HP). DORSET [9] Portland Bird Observatory, 23-29.6 (4), 23.9-22.10 (42) (MC); Wyke Regis, 20.9, 29.9 (DF²); Durlston Head, 23.9 (RRC), 14.10 (TR¹); Walditch, 25.9, 2.10 (MSP). IOW [10] Freshwater, 7.7 (DBW), 23.9-19.10 (8) (SAK-J); Newtown, 23.9 (2) (SY); Binstead, 23.9, 28.9 (BW); Totland Bay, 17.10 (DCGB). S. HANTS [11] Hayling Island, 3.7, 14.7, 30.9, 2.10 (2), 4.10, 7.10, 21.10 (Phillips & Durnell, 2001); Southsea, 29.9, 1.10, 2.10 (2), 5.10 (JRL). N. HANTS [12] Northwood Park, 26.9, 4.10, 14.10 (RAB). W. SUSSEX [13] Walberton, 15-21.6 (2), 19.9, 25.9-30.10 (23) (JTR); Kingsham, 25.6 (SP); Atherington, 22.9 (8) (DCGB); Ferring, 22.9 (3), 23.9 (3), 28.9 (3); West Wittering, 24.9-4.10 (9) (ML). E. SUSSEX [14] Winchelsea Beach, 26.8 (DCGB); Rye Harbour, 26.8, 20.9-4.10 (13) (PT¹); Peacehaven, 20.9-15.10 (11) (CRP); Icklesham, 20.9-21.10 (25) (IH¹); Crawley Down, 25.9 (JHC); Lewes, 26.9 (JS²); Old Heathfield, 29.9 (DRML). E. KENT [15] Lydd, 7-20.7 (4), 22.9-18.10 (15) (KR¹); Dungeness, 7.7, 17.7 (DW), 6.9-7.10 (77) (DW/KR¹/DF¹); Greatstone, 14-15.7, 19.9-8.10 (BB³); Cheriton, 21.9 (TR¹); New Romney, 28.9 (2), 3.11 (SPC); Rolvenden Layne, 28.9-5.10 (5) (AB); Littlestone, 29.9-3.10 (3) (KR¹); Folkestone Warren, 30.9 (2) (TR¹); Dungeness, 30.9, 1.10 (RRC). SURREY [17] Oxted, 29.9 (PJ¹). S. ESSEX [18] Bradwell-on-Sea, 1-7.10 (7) (Dewick, 2001). N. ESSEX [19] Landermere, 23.9 (JBF); Kirby-le-Soken, 30.9 (PB¹); St Osyth, 7.10, 9.10 (RWA). MIDDLESEX [21] Hampstead, 24.9, 29.9 (RAS). E. NORFOLK [27] Eccles-on-Sea, 22.9, 29.9 (NB in Hipperson, 2000), 2-3.10 (Bowman, 2001); Weybourne, 29.9, 30.9 (MP¹, *ibid.*), 4.10 (MP¹ in Hipperson, 2001); Stoke Holy Cross, 2.10, 3.10 (AM¹ in Hipperson, 2000); Hainford, 4.10 (Hipperson, 2000). GLAMORGAN [41] The Gower, 18.6 (DP); Hareslade, 11.9 (BS¹). S.E. YORK [61] Spurn, 28-30.9 (4) (BRS). IOM [71] Ballacriy Colby, 28.6 (I&DS); St Johns, 7-12.7 (2) (PK). CHANNEL ISLANDS Guernsey: small numbers regularly recorded 9.6-9.10 (Austin, 2001).

***Mythimna l-album* (L.) - L-album Wainscot [?R]**

IOW [10] Freshwater, 7.7 (DBW). S. ESSEX [18] Bradwell-on-Sea, 26.6, 22.9, 28.9, 2.10 (Dewick, 2001). N. ESSEX [19] Jaywick, 2.7, 29.7 (JY); Kirby-le-Soken, 17.7 (PB¹); St Osyth, 13.9 (RWA); Dovercourt, 23.9 (CG). E. SUFFOLK [25] Landguard Bird Observatory, 15.9 (Odin, 2001). CHANNEL ISLANDS Guernsey: small numbers regularly recorded 19.6-16.10 (Austin, 2001).

***Mythimna unipuncta* (Haw.) - White-speck [I+R(t)]**

W. CORNWALL [1] Praze-an-Beeble, 18.6 (GAC/AS¹); Land's End, 19.6 (17) (RH²); Breage, 31.8 (5) (RAB); St Agnes, Scilly, 2.9 (14), 5.9 (6) (Hicks, 2001); Kynance Cove, 5.9 (20+) (DGD); Lizard, 9.9-6.11 (229) (MT), 18.10, 25.10 (PS³); Penwith Moors, 23.9 (JH⁴); Coverack, 24.9 (15), 25.9 (26), 26.9 (20), 27.9 (24) (DCGB), 24.9-7.10 (282) (SN); St Just, 26.9 (3), 6.10 (4) (SN); Mullion, 30.9-6.10 (173) (AW¹); St Marys, Scilly, 4.10 (JB¹); Lamorna Cove, 21-27.10 (112) (JHC). E. CORNWALL [2] Bodmin, 23.9 (PW³). S. DEVON [3] Exeter, 13.8 (PB²); Abbotskerswell, 8.9, 19.9 (BPH); Modbury, 8.9 (7), 9.9 (2) (JCL); Teignmouth, 10.9, 5.10, 14.10 (RFM); Buckfastleigh, 15.9, 23.9 (2) (BB¹); Berry Head, Brixham, 16.9 (3), 30.9 (BPH); Holcombe, 22.9, 29.9, 20.10 (2), 26.10 (RFM); Lydford, 23.9 (PB²); Beer, 23.9 (RFM). N. DEVON [4] Bideford, 23.9 (ASH); Hatherleigh, 1.10 (RW¹). N. SOMERSET [6] Timsbury, 7.9 (MB²); Catsgore, 10.9 (GEH). DORSET [9] Portland Bird Observatory, 4-18.6 (3), 22.8-27.10 (235) (MC); Walditch, 29.8-15.10 (31) (MSP); Wyke Regis, 2-29.9 (31) (DF²); Durlston Head, 8.9 (14) (SN), 14.9 (2) (DCGB), 22.9 (SN), 24.9 (2) (RAB), 14.10 (5) (TR¹); Langton Matravers, 16.9 (DCGB); Burton Bradstock, 11.10, 25.10 (2); Portland, 12.10 (5 at ivy) (MSP). IOW [10] Freshwater, 6.9-23.10 (18) (SAK-J); Binstead, 16.9-1.11 (7) (BW); Totland Bay, 19.10 (DCGB). S. HANTS [11] Hayling Island, 16.9 (Phillips & Durnell, 2001); Southsea, 25.9, 29.9, 6.10, 19.10, 21.10 (JRL). W. SUSSEX [13] Kingsham, 7-23.9 (8) (SP); Walberton, 7-9.9 (2), 25.9-9.10 (9), 23.10-6.11 (3) (JTR); Ferring, 9.9, 22.9, 23.9, 6.10, 19.10 (TF); Atherington, 22.9 (3) (DCGB); West Wittering, 23.9 (ML). E. SUSSEX [14] Rye Harbour, 29.9, 19-21.10 (2) (PT¹); Peacehaven, 6.10, 15.10 (CRP). E. KENT [15] Dungeness, 11.9, 25.9 (KR¹), 16.10 (DF¹); Lydd, 24.9, 25.10, 3.12 (KR¹); Greatstone, 28.9-21.10 (6) (BB³); Rolvenden Layne, 30.9 (AB); Littlestone, 1.10, 2.10, 7.10 (KR¹); New Romney, 5.10, 14.10, 17.10 (SPC). S. ESSEX [18] Bradwell-on-Sea, 16.9-26.11 (11) (Dewick, 2001). N. ESSEX [19] St Osyth, 27.7, 20.10 (RWA); Kirby-le-Soken, 25.8 (PB¹). BERKS [22] Fernham, 15.10, 22.10 (SN). E. SUFFOLK [25] Landguard Bird Observatory, 15.10 (Odin, 2001). E. NORFOLK [27] Alby Hill, 8.7 (MT¹ in Hipperson, 2000); Weybourne, 27.10 (MP¹ in Hipperson, 2001). E. GLOUCESTER [33] Gloucester, 30.9 (RP). WARWICK [38] Rugby, 29.9, 6.10 (IR²); Charlecote, 15.10 (AG¹). GLAMORGAN [41] The Gower, 18.6 (DP); Pilton Green, 28.8-18.9 (130) (SW²); Reynoldston, 3-16.9 (21) (DP); Sandylane, 4-22.9 (12) (BS¹), 23.9 (6) (SM); Whiteford Burrows, 6.9 (DP); Swansea, 9-23.9 (38) (BS¹); Hareslade, 8-11.9 (11) (BS¹); Horton, 9.9 (54) (BS¹); Port Eynon Point, 23.9 (114) (BS¹). PEMBROKE [45] Skomer, 21.6, 29.6, 13.9, 20.9, 23.9 (Field, 2001). FLINT [51] Shotton, 18.10 (2) (CJ). S. LANCASTER [59] Parr, 21.9, 26.9 (RB); Flixton, 22.9 (KM). W. LANCASTER [60] St Annes, 24.9 (JS⁴); Claughton, 30.9, 12.10 (MB¹); Burrow Heights, 1.10 (2), 8.10, 11.10, 5.10, 16.10, 27.10 (BC¹); Heysham, 7.10, 30.10, 1.11 (BC²/PM). S.E. YORK [61] Spurn, 5-21.10 (7) (BRS). WESTMORLAND [69] Walney Island, 8.9-15.10 (19) (Littlewood, 2001); Witherslack, 2.10, 3.10, 10.10 (SB¹). IOM [71] Calf of Man, 17.6 (2), 18.6, 22.6 (2), 30.9 (10), 6.10, 11.10 (2), 14.10 (TB¹); Dhoor Ramsey, 25.6 (GW¹); Dhoon Maughold, 27.6-31.10 (75) (LK); Jurby East, 28.6 (GDC); Ballacriy Colby, 28.6-15.9 (3) (I&DS); Andreas, 3.9 (TC); Claghbane Ramsey, 10-30.9 (15) (CW); St Johns, 15.9-27.10 (7) (PK); Minorca Laxey, 19-30.9 (13) (RC); Ballaugh, 20.9 (GDC); Kentraugh Rushen, 22.9 (GDC). ZETLAND [112] Shetland, 18-30.6 (c.6) (Pennington & Rogers, 2001). ARMAGH [H37] Aghinlig, 1.10 (per IR¹). DOWN [H38] Murlough, 30.9, 6.10 (4) (per IR¹). CHANNEL ISLANDS Guernsey: 16.3, 8.8-4.11 (Austin, 2001).

***Mythimna loreyi* (Dup.) – Cosmopolitan [I]**

W. CORNWALL [1] Church Cove, Lizard, 1.7, 24.9 (2), 13.10 (MT); Lizard Village, 22.9 (PS³); Coverack, 24.9-6.10 (6) (SN). S. DEVON [3] Abbotskerswell, 29.9 (BPH). DORSET [9] Portland Bird Observatory, 19.6 (2), 29-9-10.10 (3) (MC); Durlston Head, 14.10 (TR¹). W. SUSSEX [13] Walberton, 24.10 (JTR). E. SUSSEX [14] Peacehaven, 30.9

(CRP); Rye Harbour, 4.10 (PT¹); Crawley Down, 14.10 (JHC). E. KENT [15] Dymchurch, 14.9, 29.9, 6.10 (JO); Dungeness, 25.9 (KR¹), 13.10 (DW); Greatstone, 26.9 (BB³); Lydd, 15.10 (KR¹). E. SUFFOLK [25] Landguard Bird Observatory, 5.10 (2) (Odin, 2001). E. NORFOLK [27] Hainford, 4.10 (Hipperson, 2000). WARWICK [38] Charlecote, 23.10 (AG¹). GLAMORGAN [41] Pilton Green, 3.9, 16.9, 23.9, 31.9 (Walmsley *in Anon*, 2001b). PEMBROKE [45] Broomhill Burrows, 17.6 (SB²). CHANNEL ISLANDS Guernsey: Mont D'Aval, 8.9 (Simmons *in* Austin, 2001).

***Cucullia absinthii* (L.) - Wormwood Shark**

CHANNEL ISLANDS Jersey: Grouville Common, 6.8 (DJW¹).

***Calophasia lunula* (Hufn.) - Toadflax Brocade [?V]**

N. ESSEX [19] Dovercourt, 30.5 (CG).

***Aporophyla nigra* (Haw.) - Black Rustic**

ZETLAND [112] Eswick, 15.9 (Pennington & Rogers, 2001).

***Lithophane hepaticae* (Cl.) - Pale Pinion**

ZETLAND [112] Eswick, 15.9 (Pennington & Rogers, 2001).

***Xylena vetusta* (Hb.) - Red Sword-grass [I]**

HERTS [20] Bengoe, 2.11 (AW²). E. NORFOLK [27] Weybourne, 22.9 (MP¹ *in* Hipperson, 2000).

***Trigonophora flammea* (Esp.) - Flame Brocade [I]**

E. SUSSEX [14] Rye Harbour, 18.10, 19.10, 22.10 (PT¹). E. KENT [15] Dungeness, 29.9 (KR¹).

***Agrochola circumcellaris* (Hufn.) - Brick**

ZETLAND [112] Eswick, 16.9 (c.200) (Pennington & Rogers, 2001).

***Cryphia algae* (Fab.) - Tree-lichen Beauty [I]**

S. HANTS [11] Warsash Common, 9.8 (P. Boswell *in* Goater & Norris, 2001). W. SUSSEX [13] Ferring, 30.7 (2) (TF). E. KENT [15] Greatstone, 12.8 (BB³); Kingsgate, 13.8 (Solly, 2001). W. KENT [16] Dartford, 9.8 (BKW). CHANNEL ISLANDS Jersey: Grouville Common, 7.8, 9.8 (DJW¹).

***Parastichtis suspecta* (Hb.) - Suspected**

ZETLAND [112] Shetland, 27.7-early August (c.12) (Pennington & Rogers, 2001).

***Apamea lateritia* (Hufn.) - Scarce Brindle [I]**

E. SUFFOLK [25] Landguard Bird Observatory, 4.7 (Odin, 2001).

***Celaena leucostigma* (Hb.) - Crescent**

ZETLAND [112] Eswick, 1.9 (Pennington & Rogers, 2001).

***Spodoptera exigua* (Hb.) - Small Mottled Willow [I]**

W. CORNWALL [1] Breage, 1-5.2 (11) (Tunmore, 2001); Land's End, 17.6 (RH²); St Agnes, Scilly, 17.6, 1.7 (10), 7.8 (15), 5.9 (2) (Hicks, 2001); Praze-an-Beeble, 18.6 (GAC/AS¹); Lizard, 4.7 (2), 7.7 (MT), 7-11.8 (4) (SPC), 11.9 (2) (MT); Coverack, 25-26.9 (DCGB). S. DEVON [3] Berry Head, Brixham, 30.6 (BPH); Starcross, 8-9.8 (2) (AHD); Prawle Point, 21.8 (11) (AGJB); Kingskerswell, 3.9 (BD¹); Holcombe, 8-9.9 (RFM); Abbotskerswell, 9.9 (BPH); Dawlish, 23.9 (PF). N. SOMERSET [6] Catsgore, 9.9 (GEH). S. WILTS [8] Horse Down, Tilshead, 28.6 (GAC). DORSET [9] Puddletown, 14.6 (HWH); Dorchester, 14.6-3.7 (11) (JD²); Portland Bird Observatory, 18.6-7.7 (222) including 19.6 (127), 4.8-13.9 (112) (MC); Upwey, 19.6 (5) (PH³); Durlston Head, 29.6 (SN), 27.8 (5) (RAB), 8.9 (SN); Walditch, 30.7-9.9 (22) (MSP); Portland, 24.8 (RAB); Wyke Regis, 30.8,

9.9 (DF²). IOW [10] Freshwater, 19.6, 20.6, 28.6, 5.7, 19-27.8 (5) (SAK-J); Binstead, 20.6 (BW). S. HANTS [11] Portsmouth, 20.6, 17.8 (IT); Hayling Island, 7.9 (Phillips & Durnell, 2001); Southsea, 23.9 (JRL). N. HANTS [12] Northwood Park, 21.6, 29.6-5.7 (3), 16.8-9.9 (16), 19.9 (RAB); Bramley Frith Wood, 29.6 (2) (AHD); Selborne, 10.9 (AA). W. SUSSEX [13] Ferring, 19.6, 5.9 (TF); Walberton, 20.6-3.7 (7), 13.8, 23.8-9.9 (4), 26.9, 22.10 (JTR); Kingsham, 20.6-3.7 (12), 7.8-7.9 (22) (SP); Church Norton, 19.8 (3) (CD¹); West Wittering, 20.8, 10.9 (ML); Lyminster, 10.9 (REP). E. SUSSEX [14] Rye Harbour, 15.6 (PT¹), 19.6 (2) (DCGB), 20.6 (2), 12.8, 17.8 (2), 25.8, 28.8, 9.9, 23.9 (PT¹); Peacehaven, 19.6 (2), 25.6, 28.6, 19.8, 23.8, 29.8, 10.9, 12.9, 29.9 (CRP); Winchelsea Beach, 20.6 (3), 13.8 (DCGB); Crawley Down, 28.6 (JHC); Old Heathfield, 28.6, 16.8 (DRML); Icklesham, 13.7, 24-27.8 (6) (IH¹); Falmer, 28.8 (JS²). E. KENT [15] Dungeness, 19.6 (2) (KR¹), 20.8 (DW); Densole, 2.7 (2), 1.8 (TR¹); New Romney, 3.7, 8.7, 26.8 (SPC); Lydd, 7-22.8 (5) (KR¹); Greatstone, 19.8 (BB³), 25.8 (DCGB); Rolvenden Layne, 6.10 (AB). W. KENT [16] Barnehurst, 5.9 (2), 21.9 (TS). SURREY [17] Limsfield Chart, 11.9 (PJO). S. ESSEX [18] 29.6 (2), 2.7, 6.8, 18-29.8 (6), 10.9 (2) (Dewick, 2001). N. ESSEX [19] Jaywick, 1.9 (JY). BERKS [22] Fernham, 19.6-4.7 (9), 23-24.8 (2), 4.9 (SN); Pucketty Farm, 20.6 (MFVC); Silwood Park, Ascot, 4.7 (GT). E. GLOUCESTER [33] Hilcot End, 18.6; Siccardige Wood, 28.6 (MSP). WORCESTER [37] Hollywood, 8.7 (GF). WARWICK [38] Charlecote, 27.6, 30.8, 12.9 (DCGB); Oversley Wood, 27.6 (DCGB). GLAMORGAN [41] Reynoldson, 29.8 (DP); Sandylane, 4.9 (BS¹); Hareslade, 9.9 (BS¹). PEMBROKE [45] Skomer, 29.6 (Field, 2001). MERIONETH [48] Maentwrog, 1.7 (DCGB). S. LANCASTER [59] St Helens, 24.6 (DO); Hutton, 7.7 (ER); N.W. YORK [65] Hutton Conyers, 17.6 (CF¹). Worsthorpe, 29.8 (GG²). W. LANCASTER [60] Heysham, 19.6 (BC²/PM); St Annes, 19.6, 28.6, 29.6 (2), 25.8, 2.9 (JS⁴); Lightfoot Green, 27.6 (SMP); Lane Ends, 1.7 (BC²/PM); Burrow Heights, 17.8, 30.8 (BC¹); Potts Corner, 29.8 (BC²/PM). WESTMORLAND [69] Walney Island, 16.6-1.7 (15), 25.8-12.9 (11) (Littlewood, 2001). IOM [71] Calf of Man, 18.6 (2), 12.9 (TB¹); Dhoon Maughold, 18-29.6 (5) (LK); Cranstal Bride, 19.6 (2) (LK); Cloughbane Ramsey, 21.6-30.9 (8) (CW); Dhoor Ramsey, 28.6 (GW¹); Jurby East, 28.6 (3), 22.8 (GDC); Minorca Laxey, 29-30.6 (RC). CHANNEL ISLANDS Guernsey: 20-29.6 (3), 31.7-11.9 (15) (Austin, 2001).

***Proxenus hospes* (Frey) - Porter's Rustic [1]**

W. CORNWALL [1] St Agnes, Scilly, 5.9 (Hicks, 2001).

***Helicoverpa armigera* (Hb.) - Scarce Bordered Straw [I/In]**

W. CORNWALL [1] St Agnes, Scilly, 25.8 (2), 22.9 (Hicks, 2001); Mullion, 2.9, 30.9 (2), 6.10 (2) (AW¹); Mousehole, 23.9 (JH³); Church Cove, Lizard, 23.9, 25.9, 6.10 (MT); Coverack, 26.9 (DCGB), 29.9-7.10 (5) (SN). S. DEVON [3] Teignmouth, 27.8, 10.9 (RFM); Holcombe, 3.9, 8.9, 29.9 (RFM); Paignton, 14.9 (KB per RFM); Berry Head, Brixham, 16.9 (BPH). N. SOMERSET [6] Catsgore, 8.9 (GEH). [N. WILTS [7] Swindon, 5.1, larva on supermarket flowers (SN).] DORSET [9] Upwey, 30.6 (PH³); Walditch, 6.7, 23.9 (MSP); Ferndown, 21.8, 27.8 (RRC); Portland Bird Observatory, 25.8-8.9 (5) (MC); Durlston Head, 8.9 (SN), 15-16.9 (DCGB); Cheyne Weare, 13.9 (2) (per MC); Wyke Regis, 16.9 (DF²). IOW [10] Binstead, 25.8, 21-28.9 (3) (BW); Newtown, 23.9 (SY); Freshwater, 26.9 (SAK-J); Totland Bay, 18.10 (DCGB). S. HANTS [11] Hayling Island, 23.9, 30.9 (Phillips & Durnell, 2001); Southsea, 30.9, 1.10 (JRL), N. HANTS [12] Northwood Park, 11.8, 21.9 (RAB). W. SUSSEX [13] Kingsham, 19.9, 20.9, 6.10 (SP); Atherington, 22.9 (DCGB); Walberton, 22.9, 23.9 (JTR); Chichester, 23.9 (MCP); West Wittering, 30.9 (ML). E. SUSSEX [14] Peacehaven, 23.9 (CRP); Rye Harbour, 25.9, 29.9, 3.10, 4.10 (PT¹). E. KENT [15] Dungeness, 1-2.7 (DF¹), 23.9-22.10 (6) (DF¹/DW/KR¹); Lydd, 6.9, 1.10, 6.10, 22.10 (KR¹); Littlestone, 23.9 (KR¹); Densole, 23.9, 29.9 (TR¹); Greatstone, 26.9 (BB³). SURREY [17] Banstead, 8.9 (SWG). S. ESSEX [18] Bradwell-on-Sea, 6.7, 7.7, 7.9, 18.9-4.10 (10) (Dewick, 2001). N. ESSEX [19] Dovercourt, 11.6, 21.9 (CG); Jaywick, 30.9, 1.10

(JY); St Osyth, 2.10 (RWA). HERTS [20] Garston, 25.9 (CME). E. SUFFOLK [25] Tunstall, 30.9 (DAY); Landguard Bird Observatory, 30.9 (2) (Odin, 2001); Minsmere, 30.9 (2) (TP). E. NORFOLK [27] Weybourne, 14.9, 30.9 (MP¹ *in* Hipperson, 2000); Stoke Holy Cross, 17.9, 28.9 (AM¹, *ibid.*); Eccles-on-Sea, 18.9, 26.9, 29.9. (NB, *ibid.*); Martham, 23.9 (CK *in* Hipperson, 2001). W. NORFOLK [28] Holme Dunes, 10.9 (GH² *in* Hipperson, 2000). WORCESTER [37] Norchard, 4.10 (MS²). SALOP [40] Bridgenorth, 29.9 (AJP). GLAMORGAN [41] Swansea, 16.9, 23.9 (BS¹); Port Eynon Point, 23.9 (3) (BS¹). S. LANCASTER [59] Burnley, 26.9 (GG²). W. LANCASTER [60] Morecambe, 29.9 (CD²). WESTMORLAND [69] Witherslack, 29.9 (SB¹). CHANNEL ISLANDS Guernsey: 24.8-12.9 (7) (Austin, 2001).

***Heliothis peltigera* (D. & S.) - Bordered Straw [I]**

W. CORNWALL [1] Praze-an-Beeble, 17.6 (GAC/AS¹); Land's End, 17.6 (3), 19.6 (2) (RH²); St Agnes, Scilly, 29.6, 1.7, 7.8 (Hicks, 2001); Church Cove, Lizard, 2.7 (MT). S. DEVON [3] Kingskerswell, 18.6 (BD¹); Modbury, 22.6 (JCL); Slapton, 15.7 (1 larva) (JHC); Dawlish, 17.9, 30.10 (PF). S. SOMERSET [5] Broadway, 28.6 (BU). N. SOMERSET [6] Timsbury, 24.6 (MB²). DORSET [9] Upwey, 2.6, 30.6 (PH³); The Grove, Portland, 17.6 (per MC); Portland Bird Observatory, 24.6-10.9 (6) (MC); Dorchester, 27.6 (JD²); Durlston, 23.9 (A. Page per RRC). IOW [10] Freshwater, 27.6 (SAK-J). S. HANTS [11] Portsmouth, 19.6 (IT); Southsea 29.8 (JRL). N. HANTS [12] Northwood Park, 21.6 (RAB). W. SUSSEX [13] Walberton, 22.6 (JTR); West Wittering, 24.6 (ML); Ferring, 27.6, 16.9 (TF); Kingsham, 28.6, 29.6, 1.7, 3.7 (SP); Pagham Harbour, 27.7, "dozens" of larvae (SP). E. SUSSEX [14] Eastbourne, 18.6 (RM); Peacehaven, 19.6, 9.9, 24.9 (CRP); Winchelsea Beach, 19.6, 20.6 (DCGB); Rye Harbour, 19.6 (2), 20.6 (2), 21.6, 24.6 (2), 30.6 (2), 31.7, 25.8, 26.8 (2) (PT¹); 10.9 (JHC); Icklesham, 26.8 (IH¹); Cuckmere Haven, 28.8 (1 larva) (JHC). E. KENT [15] Sandwich, 18.6 (RAB), 24.6 (GAC); Lydd, 19.6, 29.6, 29-30.8 (KR¹); Littlestone, 20.6, 27.8 (KR¹); New Romney, 27-29.6 (2), 26.9 (SPC); Greatstone, 30.6, 27.8 (BB³); Dungeness, 1-3.7 (4), 18.8-22.9 (DW); Densole, 29.9 (TR¹). W. KENT [16] Orpington, 29.8 (MJ). S. ESSEX [18] North Chingford, 28.6 (BP); Bradwell-on-Sea, 25.8 (Dewick, 2001). N. ESSEX [19] Dovercourt, 24.6 (CG); Frinton-on-Sea, 29.9 (BL). HERTS [20] Bengoe, 14.6 (AW²). MIDDLESEX [21] Uxbridge, 23.9 (MH²). BERKS [22] Fernham, 19.6-8.7 (6) 10-11.9 (4) (SN). E. NORFOLK [27] Eccles-on-Sea, 18.6, 20.6 (2), 28.6, 7.9 (NB *in* Hipperson, 2000); Weybourne, 24.6, 26.9 (MP¹, *ibid.*); Winterton-on-Sea, 13.8 (MT *in* Hipperson, 2001); Brundall, 1.10 (NG *in* Hipperson, 2000). W. GLOUCESTER [34] St Briavels, 20.6 (RGG). MONMOUTH [35] Abergavenny, 19.6 (TB²). WARWICK [38] Charlecote, 23.6 (2), 22.9 (DCGB). GLAMORGAN [41] Swansea, 9.6 (BS¹). PEMBROKE [45] Skomer, 29.6, 1.7, 25.8 (Field, 2001). CAERNARVON [49] Rowen, 19.6, 21.6 (DE). S. LINCOLN [53] Morton Fen, 20.6 (JL¹). N. LINCOLN [54] Goxhill, 20.6 (CP); Spilsby, 5.7 (CS²); Muckton, 9.9 (GW²). S. LANCASTER [59] Pennington, 3.5 (PCP); Formby, 19.6 (HB); Littleborough, 28.6 (IK). W. LANCASTER [60] Heysham, 22.6 (JH²), 16.8 (BC²/PM); St Annes, 29.6 (JS¹). S.E. YORK [61] Spurn, 24-27.6 (3) (BRS). WESTMORLAND [69] Walney Island, 18.6, 24.6, 27.6, 7.9 (Littlewood, 2001). IOM [71] Dhoor Ramsey, 18.6 (GW¹); Jurby East, 19.6 (LK); Ballaghennie Ayres, 23.7 (BJ). CHANNEL ISLANDS Guernsey: Clos des Pecqueries, 20.6; L'Ancrese, 26.8; Le Chêne, 26.8 (Austin, 2001).

***Enblemma ostrina* (Hb.) - Purple Marbled [I]**

DORSET [9] Upwey, 19.6 (Harris *in* Anon, 2001b). BERKS [22] Fernham, 28.6 (SN).

***Enblemma parva* (Hb.) - Small Marbled [I]**

W. CORNWALL [1] St Agnes, Scilly, 29.6 (Hicks, 2001). E. SUSSEX [14] Winchelsea, 29.6 (PP¹). BERKS [22] Fernham, 28.6 (SN).

***Chrysodeixis chalcites* (Esp.) - Golden Twin-spot [I/In]**

[S. DEVON [3] Exeter, 12.12 imported with tomatoes (BB¹).] E. NORFOLK [27] Hickling, 23.9 (TNDP *in* Hipperson, 2001). [MERIONETH [48] Llanuwchllyn, 9.8 "found indoors" (Graham *in* Anon, 2001b).]

***Trichoplusia ni* (Hb.) - Ni Moth [I]**

S. DEVON [3] Prawle Point, 21.8 (AGJB). DORSET [9] Portland Bird Observatory, 19.6 (MC). N. HANTS [12] Northwood Park, 6.9 (RAB). W. SUSSEX [13] Ferring, 27.6 (TF); West Wittering, 4.9 (ML). E. KENT [15] Dungeness, 7.9 (DW); Lydd, 11.9 (KR¹). E. NORFOLK [27] Stoke Holy Cross, 10.9 (AM¹ *in* Hipperson, 2000). MERIONETH [48] Maentwrog, 30.6 (DCGB). CAERNARVON [49] Rowen, 21.6 (DE). WESTMORLAND [69] Grange-over-Sands, 7.6 (Birkett, 2000). CHANNEL ISLANDS Guernsey: Le Chêne, 21.8 (TNDP); Icart, 23.8 (Austin, 2001).

***Thysanoplusia orichalcia* (Fab.) - Slender Burnished Brass [?I/?In]**

[HERTS [20] Hitchin, 18.11 "in a kitchen" (Hudson *in* Anon, 2001b).]

***Macdunnoughia confusa* (Steph.) - Dewick's Plusia [I]**

W. CORNWALL [1] St Marys, Scilly, 4.10 (JB¹). DORSET [9] Winterbourne Stickland, 12.9 (de Whalley *in* Anon, 2001b). W. SUSSEX [13] Kingsham, 8.10 (SP). E. KENT [15] Rolvenden Layne, 23.9 (AB); Dymchurch, 29.9 (JO). N. ESSEX [19] Jaywick, 12.9 (JW¹). CHANNEL ISLANDS Guernsey: L'Ancrese, 29.9 (Austin, 2001).

***Autographa bractea* (D. & S.) - Gold Spangle [I]**

N. ESSEX [19] Felsted, 17.7 (GG¹).

***Hypena obsitalis* (Hb.) - Bloxworth Snout [?I/?R]**

W. CORNWALL [1] Church Cove, Lizard, 23.9 (MT²). E. SUSSEX [14] Peacehaven, 22.12 (CRP).

***Herminia tarsicrinalis* (Knoch) - Shaded Fan-foot [I]**

E. KENT [15] Dungeness, 18.6 (DW).

ANNEX 2: SELECTED RECORDS OF COMMONER SPECIES

YPONOMEUTIDAE

***Plutella xylostella* (L.)**

Annual counts from fixed traps include: S. DEVON [3] Starcross (114) (AHD); DORSET [9] Portland Bird Observatory (1017) (MC); S. HANTS [11] Southsea (346) (JRL).

Earliest dates: S. DEVON [3] Starcross, 25.4 (AHD); S.E. YORK [61] Spurn, 30.4 (BRS); DORSET [9] Portland Bird Observatory, 1.5 (MC); SURREY [17] Raynes Park, 6.5 (MSP); BERKS [22] Pucketty Farm, 7.5 (MFVC); S. HANTS [11] Southsea, 8.5 (JRL).

Latest dates: DORSET [9] Walditch, 28.11 (MSP).

Significant records: S.E. YORK [61] Spurn, 3.6 (104) (BRS); DORSET [9] Portland Bird Observatory, 9.6 (91) (MC); EASTERNESS [96] Tullochgrue, 31.7 (BPH).

PYRALIDAE

***Udea ferrugalis* (Hb.)**

Annual counts from fixed traps include: S. DEVON [3] Starcross (130) (AHD); DORSET [9] Portland Bird Observatory (1099) (MC); S. HANTS [11] Southsea (78) (JRL); BERKS [22] Fernham (105) (SN); S.E. YORK [61] Spurn (68) (BRS).

Earliest dates: DORSET [9] Portland Bird Observatory, 8.5 (MC); E. KENT [15] Densole, 6.6 (TR¹); S.E. YORK [61] Spurn, 7.6 (BRS).

Latest dates: E. KENT [15] Densole, 2.12 (TR¹); W. CORNWALL [1] Church Cove, Lizard, 6.12 (MT²); N. HANTS [12] Selborne, 12.12 (AA).

Significant records: DORSET [9] Portland Bird Observatory, 30.8 (106) (MC); BANFF [94] Ordiquhill, 25.9-13.10 (7) (RL¹).

Nomophila noctuella (D. & S.)

Annual counts from fixed traps include: S. DEVON [3] Starcross (60) (AHD); DORSET [9] Portland Bird Observatory (21253) (MC); IOW [10] Freshwater (1238) (SAK-J); S. HANTS [11] Southsea (794) (JRL); BERKS [22] Fernham (2260) (SN); S.E. YORK [61] Spurn (366) (BRS).

Earliest dates: IOW [10] Freshwater, 2.2 (SAK-J), Binstead, 4.2 (BW); W. CORNWALL [1] Church Cove, Lizard, 7.3 (MT²); DORSET [9] Portland Bird Observatory, 8.5 (MC); E. KENT [15] Densole, 15.5 (TR¹); S.E. YORK [61] Spurn, 26.5 (BRS).

Latest dates: DORSET [9] Walditch, 11.12 (MSP).

Significant records: W. CORNWALL [1] St Agnes, Scilly, 29.6 (c.1000), 2.9 (1500+) (Hicks 2001); Church Cove, Lizard, 11.9 (961) (MT²); DORSET [9] Portland Bird Observatory, 20.8 (4650) (MC); E. KENT [15] Densole, 29.9 (350+) (TR¹).

NYMPHALIDAE

Vanessa atalanta (L.) - Red Admiral

Earliest dates: W. SUSSEX [13] Hove, 8.1 (DD); N. ESSEX [19] Ardleigh, 8.1 (BG); S. ESSEX [18] Foulness Island, 13.1 (DGD).

Latest dates: MAIN ARGYLL [98] Loch Creran, 1.10 (JCAC); DORSET [9] Walditch, 3.10 at mvl (MSP); W. CORNWALL [1] Penzance, 24.10 (JHC); S. ESSEX [18] Plaistow, 2.12 (GM); E. SUSSEX [14] Scaynes Hill, 14.12 (A. McCulloch per CRP).

Significant records: S.E. YORK [61] Spurn, 500 flying south on 22.9 (BRS).

Vanessa cardui (L.) - Painted Lady

Earliest dates: DORSET [9] Portland Bird Observatory, 7-9.5 (4) (MC); S.E. YORK [61] Spurn, 11.5 (BRS); NORTHAMPTON [32] Werrington, 12.5 (PW¹).

Latest dates: DORSET [9] Portland Bird Observatory, 22.10 (MC); S.E. YORK [61] Spurn, 23.10 (BRS).

Significant records: BANFF [94] Ordiquhill, 21.6 (8) (RL¹); MAIN ARGYLL [98] Loch Melfort, 6.7 (JCAC); DORSET [9] Portland Bird Observatory, 4 and 5.9 (100+) (MC).

NOCTUIDAE

Agrotis ipsilon (Hufn.) - Dark Swordgrass

Annual counts from fixed traps include: DORSET [9] Portland Bird Observatory (915) (MC); S. HANTS [11] Southsea (30) (JRL); BERKS [22] Fernham (39) (SN); S.E. YORK [61] Spurn (225) (BRS).

Earliest dates: IOW [10] Freshwater, 2.2 (SAK-J); W. CORNWALL [1] Church Cove, Lizard, 10.3 (2) (MT²); ZETLAND [112] Shetland, 28.3-6.4 (Pennington & Rogers, 2001); DORSET [9] Portland Bird Observatory, 1.4 (MC).

Latest dates: W. CORNWALL [1] Lamorna Cove, 27.10 (JHC); DORSET [9] Portland Bird Observatory, 28.10 (MC); W. CORNWALL [1] Church Cove, Lizard, 6.11 (MT²).

Significant records: DORSET [9] Portland Bird Observatory, 3.9 (120) (MC).

Peridroma saucia (Hb.) - Pearly Underwing

Annual counts from fixed traps include: DORSET [9] Portland Bird Observatory (504) (MC); S. HANTS [11] Southsea (21) (JRL); BERKS [22] Fernham (30) (SN); S.E. YORK [61] Spurn (55) (BRS).

Earliest dates: W. CORNWALL [1] Church Cove, Lizard, 13.3 (MT²); DORSET [9] Portland Bird Observatory, 6.6 (MC); E. KENT [15] Densole, 7.6 (TR¹); S. HANTS [11] Southsea, 12.6 (JRL); IOW [10] Freshwater, 13.6 (SAK-J).

Latest dates: E. SUSSEX [14] Crawley Down, 27.11 (JHC).

Significant records: DORSET [9] Portland Bird Observatory, 16.10 (124) (MC).

Autographa gamma (L.) - Silver Y

Annual counts from fixed traps include: DORSET [9] Portland Bird Observatory (1645) (MC); S. HANTS [11] Southsea (183) (JRL); BERKS [22] Fernham (455) (SN).

Earliest dates: IOW [10] Freshwater, 1.1 (SAK-J); E. SUSSEX [14] Peacehaven, 1.1 (CRP).

Latest dates: DORSET [9] Walditch, 10.12 (MSP); IOW [10] Binstead, 20.12 (BW).

Significant records: N. DEVON [4] Lundy, 24.8 "thousands" (JM¹); S.E. YORK [61] Spurn, 27.8 (1000), 9.9 (2000) (BRS); DORSET [9] Portland Bird Observatory, 30.8 (380) (MC).

Initials of recorders

AA	A. Aston	BKW	B.K. West
AB	A. Bradshaw	BL	B. Lock (per BG)
AC ¹	A. Cleave (per AHD)	BP	B. Pateman (per BG)
AC ²	A. Cook (per BG)	BPH	B.P. Henwood (per RFM)
AD	A. Dowse (per PP ²)	BR	B. Richards (per RDP)
AG ¹	A. Gardner	BRS	B.R. Spence
AG ²	A. Goodey (per BG)	BS ¹	B. Stewart
AG ³	A. Griffiths (per CRP)	BS ²	B. Silver (per AHD)
AGJB	A.G.J. Butcher	BU	B. Urwin
AH	A. Harkiss (per RAJ)	BW	B. Warne
AHD	A.H. Dobson	BY	B. Yates
AJP	A.J. Pickles	CD ¹	C. Dewhurst (per CRP)
AKB	A.K. Batten (per CRP)	CD ²	C. Darbyshire (per SMP)
AM ¹	A. Musgrove	CF ¹	C. Fletcher
AM ²	A. Mackay	CF ²	C. Farrow
AS ¹	A. Spalding	CG	C. Gibson (per BG)
AS ²	A. Stevens (per RGG)	CJ	C. Jones
AS ³	A. Starling	CK	C. Kirby
ASH	A.S. Henderson (per RFM)	CM	C. Moseley (per CME)
ATM	A.T. McGowan (per PP ²)	CME	C.M. Everett
AW ¹	A. Wander (and J. Clifton)	CP	C. Potts (per PP ²)
AW ²	A. Woods	CR	C. Rugeroni (per MSP)
BB ¹	B. and L. Bewsher (per RFM)	CRP	C.R. Pratt
BB ²	B. Brigden	CS ¹	C. Sharpe (per GDC)
BB ³	B. Banson	CS ²	C. Smith (per PP ²)
BC ¹	B. Cockburn (per SMP)	CT	C. Twissell (per RGG)
BC ²	B. Cross (per SMP)	CW	C. Wormwell (per GDC)
BC ³	B. Collins	CWP	C.W. Plant
BC ⁴	B. Cleal (per RGG)	DAY	D.A. Young
BD ¹	B. Deakins (per RFM)	DB	D. Bridges (per CRP)
BD ²	B. Duffin	DBW	D.B. Wooldridge
BDC	B.D. Clews (per MCH)	DC	D. Chesmore
BF	B. Fordham (per CRP)	DCGB	D.C.G. Brown
BG	B. Goodey	DD	D. Dey (per CRP)
BJ	B. Jones (per GDC)	DE	D. Evans

DF ¹	D. Fry (per SPC)	IH ¹	I. Hunter (per CRP)
DF ²	D. Foot	IH ²	I. Heard (per GDC)
DF ³	D. Fuller (per MCH)	IK	I. Kippax (per SMP)
DGD	D.G. Down (per BG)	IR ¹	I. Rippey
DH ¹	D. Hutcheon (per BG)	IR ²	I. Reid (per DCGB)
DH ²	D. Haigh (per RGG)	IT	I. Thirlwell
DH ³	D. Haylock (per BG)	JA	J. Astley
DH ⁴	D. Holman	JB ¹	J. Baker (per DT)
DJ	D. Jones	JB ²	J. Barrett
DJG	D.J. Gibbs	JBF	J.B. Fisher (per BG)
DJW ¹	D.J. Wedd	JC ¹	J. Clifton
DJW ²	D.J. White (per MCH)	JC ²	J. Clarke (per SMP)
DO	D. Owen (per SMP)	JC ³	J. Callister (per GDC)
DP	D. Painter	JC ⁴	J. Cooper (per CRP)
DR ¹	D. Rigby (per SMP)	JCAC	J.C.A. Craik
DR ²	D. Rey (per RGG)	JCL	J.C. Lidgate (per RFM)
DRML	D.R.M. Long (per CRP)	JD ¹	J. Dobson (per BG)
DS ¹	D. Scott (per BG)	JD ²	J. Down
DS ²	D. Slade	JE	J. Ellis
DT	D. Taylor (per MT)	JFW	J.F. Walsh (per SMP)
DW	D. Walker	JG ¹	J. Geeson
ER	E. Roskell (per SMP)	JG ²	J. Goodrum
FH	F. Hopson (per GDC)	JGG	J.G. Green (per BG)
FS	F. Smith (per RFM)	JH ¹	J. Hoy (per BG)
GAC	G.A. Collins	JH ²	J. Holding (per SMP)
GDC	G.D. Craine	JH ³	J. Higgott
GEH	G.E. Higgs	JH ⁴	J. Herbert
GF	G. Fellows	JH ⁵	J. Hampshire
GG ¹	G. Geen (per BG)	JH ⁶	J. Howell
GG ²	G. Gavaghan (per SMP)	JHC	J.H. Clarke
GH ¹	G. Henwood (per AHD)	JI	J. Ingham
GH ²	G. Hibberd	JJ	J. Jaines (per PP ²)
GJ	G. Jones	JL ¹	J. Lamin (per PP ²)
GM	G. Mallin (per RAJ)	JL ²	J. Langton (per SAK-J)
GP	G. Parris (per CRP)	JM ¹	J. Martin
GRA	G.R. Avery (per RGG)	JM ²	J. Morris (per SPC)
GS ¹	G. Sell (per BG)	JN	J. Nicholls
GS ²	G. Smith (per CRP)	JO	J. Owen (per SPC)
GT	G. Tordoff	JP ¹	J. Poland (per CRP)
GW ¹	G. Wilson (per GDC)	JP ²	J. Pooler
GW ²	G. Wright (per PP ²)	JP ³	J. Pooley (per GDC)
HB	H. Barlow (per SMP)	JR	J. Rule (per RDP)
HJ	H. Jonas (per RDP)	JRL	J.R. Langmaid
HO	H. Owen (per BG)	JS ¹	J. Sutherby (per BG)
HP	H. Papworth	JS ²	J. Shaughnessy (per CRP)
HWH	H. Wood-Homer	JS ³	J. Sutton
I&DS	I. & D. Scott (per GDC)	JS ⁴	J. Steeden (per SMP)
ICR	I.C. Rose (per BG)	JSB	J.S. Brock

JT	J. Torino (per BG)	PB ²	P. Butter
JTR	J.T. Radford (per CRP)	PB ³	P. Boggis (per BG)
JW ¹	J. Wilde (per BG)	PB ⁴	P. Butcher (per MCH)
JW ²	J. Walton (per SAK-J)	PC ¹	P. Costen
JW ³	J. Worth	PC ²	P. Cawley
JY	J. Young (per BG)	PCP	P. Cleary-Pugh
KB	K. Brown	PF	P. Franghiadi (per RFM)
KJ	K. Johnson (per GDC)	PH ¹	P. Heath
KM	K. McCabe (per SMP)	PH ²	P. Hurst (per RFM)
KMSW	K.M.S. Wilson (per PP ²)	PH ³	P. Harris
KR ¹	K. Redshaw (per SPC)	PJ ¹	P. Jones
KR ²	K. Robertson (per PP ²)	PJ ²	P. Johnstone
KS ¹	K. Saul	PJC	P.J. Cramp (per SAK-J)
KS ²	K. Skelton (per PP ²)	PJO	P.J. Oliver
KVC	K.V. Cooper (per SW ¹)	PK	P. Keenan (per GDC)
LB ¹	L. Bellamy	PM	P. Marsh
LB ²	L. Blore	PP ¹	P. Philpot (per CRP)
LK	L. Kneale (per GDC)	PP ²	P. Porter
MAS	M.A. and W.J. Scott	PS ¹	P. Scroop
MB ¹	M. Broomfield (per SMP)	PS ²	P. Smith (per BG)
MB ²	M. Bailey	PS ³	P. Stubbs (per MT)
MC	M. Cade	PT ¹	P. Troake (per CRP)
MCH	M.C. Harvey	PT ²	P. Thompson (per MCH)
MCP	M.C. Perry (per CRP)	PT ³	P. Talbot
MD	M. Dockery (per SMP)	PW ¹	P. Waring
ME	M. Edmonds (per RFM)	PW ²	P. Welland
MFVC	M.F.V. Corley	PW ³	P. Wilson (per CRP)
MG	M. Gibbons	PW ⁴	P. Wakelin
MH ¹	M. Hicks (per BG)	RA	R. Andrews
MH ²	M. Hough	RAB	R.A. Bell
MJ	M. Jordan	RAJ	R.A. Jones
MJS	M.J. Simmons (per CRP)	RAS	R.A. Softly
MJW	M.J. White	RB	R. Banks (per SMP)
ML	M. Love (per CRP)	RC	R. Cripps (per GDC)
MP ¹	M. Preston	RD	R. Dickson
MP ²	M. Pritchard	RDP	R.D. Penhallurick
MRF	M.R. Fordy	REL	R.E. Lane
MS ¹	M. Shardlow	REP	R.E. Pratt (per CRP)
MS ²	M. Southall	RFM	R.F. McCormick
MSP	M.S. Parsons	RG ¹	R. Goodson (per BG)
MT ¹	M. Thain	RG ²	R. Goy
MT ²	M. Tunmore	RGG	R.G. Gaunt
NB	N. Bowman	RH ¹	R. Hope (per BG)
NG	N. Greef	RH ²	R. Howard
NL	N. Littlewood	RH ³	R. Hobson (per MSP)
NS	N. Sweet	RIH	R.I. Heppenstall
NVG	N.V. Gill (per RRC)	RK	R. Kemp (per CRP)
OJ	O. Jarvis (per CRP)	RL ¹	R. Leverton
PB ¹	P. Bergdahl (per BG)	RL ²	R. Long (per BG)

RM	R. Meller (per CRP)	SMW	S. McWilliam
RMC	R.M. Craske (per CRP)	SN	S. Nash
RP	R. Pearce (per RGG)	SP	S. Patton (per CRP)
RPF	R.P. Fray	SPC	S.P. Clancy
RPJ	R. Petley-Jones (per SMP)	SR	S. Richardson (per CRP)
RR	R. Rogers	SS	S. Shimeld (per MSP)
RRC	R.R. Cook	SW ¹	S. Wright
RS	R. Symington (per CRP)	SW ²	S. Walmsley
RW ¹	R. Wolton (per RFM)	SWG	S.W. Gale
RW ²	R. Wildman (per CRP)	SY	S. Young (per SAK-J)
RWA	R.W. Arthur (per BG)	TB ¹	T. Bagworth
SAK-J	S.A. Knill-Jones	TB ²	T. Brown
SB ¹	S. Bradley (per PC ¹)	TC	T. Callister (per GDC)
SB ²	S. Bosanquet	TD	T. Dingle
SB ³	S. Barlow	TE	T. Edmondson (per S. Hind)
SB ⁴	S. Brown	TF	T. Freed (per CRP)
SB ⁵	S. Busutil (per SPC)	TG ¹	T. Gray (per BG)
SC	S. Curson (per CRP)	TG ²	T. Green
SE	S. Ely (per PP ²)	TNDP	T.N.D. Peet
SG	S. Glover (per RGG)	TP	T. Pritchard
SH	S. Harris (per MSP)	TR ¹	T. Rouse
SL	S. Loftus	TR ²	T. Rogers
SM	S. Musgrave (per BS ¹)	TS	T. Steele
SMG	Suffolk Moth Group	VS	V. Smith
SMP	S.M. Palmer		

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Readers of this journal will be pleased to learn that Essex lepidopterists have recently honoured Bob Dewick, the 92 years old operator of what is, probably, Britain's largest moth trap, with the presentation of a copy of *The Aurelian Legacy* – donated by Basil Harley, of Harley Books. The presentation, which was made by Joe Firmin on behalf of the Essex Moth Group and the Essex Lepidoptera Panel, is in recognition of Bob's outstanding contribution to moth recording and in particular of his considerable input to the study of moth migration over the past fifty years. Bob's trap measures 11 feet square and stands six feet high, with rounded corners. It sports a 400 watt roof lamp and an extractor fan that draws air into the trap to help minimise moths escaping. Sited out on the Essex coastal marshes, the trap catches literally thousands of moths, which are counted and released. In October 1951, the trap caught the first British example of *Macdunnoughia confusa* (Stephens), which was named "Dewick's Plusia" in his honour (see *Entomologist* **63**: 253). — Editor.